

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061763.D
 Acq On : 11 Jun 2020 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:46:28 PM

Quant Time: Jun 12 06:41:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	333633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	499102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	258065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	178142	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
35) Dibromofluoromethane	7.55	113	139792	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.06	98	626493	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.38	95	224128	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	186605	48.478	ug/l	96
3) Chloromethane	2.03	50	175489	43.126	ug/l	98
4) Vinyl Chloride	2.16	62	247793	44.436	ug/l	100
5) Bromomethane	2.52	94	157353	49.176	ug/l	99
6) Chloroethane	2.66	64	167464	46.656	ug/l	99
7) Trichlorofluoromethane	2.98	101	399920	55.615	ug/l	99
8) Diethyl Ether	3.37	74	104723	47.627	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	163772	51.323	ug/l	93
10) Methyl Iodide	3.91	142	230444	52.023	ug/l	97
11) Tert butyl alcohol	4.73	59	144072	272.490	ug/l	98
12) 1,1-Dichloroethene	3.69	96	163516	47.964	ug/l	94
13) Acrolein	3.57	56	30244	190.122	ug/l	97
14) Allyl chloride	4.27	41	197108	44.225	ug/l	97
15) Acrylonitrile	4.93	53	355604	240.960	ug/l	99
16) Acetone	3.77	43	263380	240.173	ug/l	96
17) Carbon Disulfide	4.01	76	305007	40.665	ug/l	98
18) Methyl Acetate	4.27	43	174397	48.465	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	549615	47.304	ug/l	100
20) Methylene Chloride	4.50	84	187697	52.021	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	184779	48.061	ug/l	93
22) Diisopropyl ether	5.90	45	463782	47.213	ug/l	98
23) Vinyl Acetate	5.84	43	1696566	216.693	ug/l	96
24) 1,1-Dichloroethane	5.80	63	306408	49.190	ug/l	99
25) 2-Butanone	6.78	43	422041	224.028	ug/l	96
26) 2,2-Dichloropropane	6.77	77	246638	43.260	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	217760	50.020	ug/l	97
28) Bromochloromethane	7.15	49	108856	46.451	ug/l	92
29) Tetrahydrofuran	7.17	42	273973	220.544	ug/l	94
30) Chloroform	7.33	83	347415	50.413	ug/l	98
31) Cyclohexane	7.61	56	245078	43.747	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	310261	49.409	ug/l	100
36) 1,1-Dichloropropene	7.75	75	238640	51.740	ug/l	99
37) Ethyl Acetate	6.88	43	180628	48.623	ug/l	96
38) Carbon Tetrachloride	7.73	117	255514	57.433	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	272838	47.993	ug/l	96
40) Benzene	8.00	78	757248	53.211	ug/l	99
41) Methacrylonitrile	7.14	41	85957m	50.503	ug/l	
42) 1,2-Dichloroethane	8.09	62	245108	51.446	ug/l	99
43) Isopropyl Acetate	8.13	43	311873	46.663	ug/l	92
44) Trichloroethene	8.80	130	236204	54.008	ug/l	92
45) 1,2-Dichloropropane	9.09	63	181910	53.832	ug/l	100
46) Dibromomethane	9.18	93	137252	52.959	ug/l	95
47) Bromodichloromethane	9.37	83	278356	54.211	ug/l	97
48) Methyl methacrylate	9.17	41	137906	45.862	ug/l	96
49) 1,4-Dioxane	9.17	88	71695	1539.057	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	925952	245.850	ug/l	97
52) Toluene	10.12	92	504066	54.268	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	290338	52.489	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	310603	52.224	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	200424	54.161	ug/l	98
56) Ethyl methacrylate	10.40	69	270093	52.249	ug/l	97
57) 1,3-Dichloropropane	10.68	76	319703	54.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	493974	223.610	ug/l	99
59) 2-Hexanone	10.72	43	664117	245.526	ug/l	97
60) Dibromochloromethane	10.87	129	239754	56.989	ug/l	99
61) 1,2-Dibromoethane	10.98	107	209547	54.294	ug/l	99
64) Tetrachloroethene	10.60	164	255218	54.323	ug/l	97
65) Chlorobenzene	11.41	112	559801	53.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	216842	56.134	ug/l	100
67) Ethyl Benzene	11.48	91	963418	53.729	ug/l	99
68) m/p-Xylenes	11.60	106	762502	107.247	ug/l	99
69) o-Xylene	11.92	106	366122	54.217	ug/l	99
70) Styrene	11.94	104	619949	55.437	ug/l	98
71) Bromoform	12.10	173	172334	57.896	ug/l #	100
73) Isopropylbenzene	12.22	105	972097	51.610	ug/l	100
74) N-amyl acetate	12.05	43	270967	45.681	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	261166	49.479	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	243892m	51.974	ug/l	
77) Bromobenzene	12.50	156	261536	54.397	ug/l	95
78) n-propylbenzene	12.57	91	1086372	51.665	ug/l	99
79) 2-Chlorotoluene	12.65	91	632659	50.458	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	812295	51.598	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	85790	46.752	ug/l	98
82) 4-Chlorotoluene	12.75	91	663581	50.308	ug/l	99
83) tert-Butylbenzene	12.97	119	704235	50.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	815772	52.161	ug/l	98
85) sec-Butylbenzene	13.15	105	904087	50.441	ug/l	99
86) p-Isopropyltoluene	13.26	119	840823	50.940	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	457770	53.768	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	458648	52.881	ug/l	98
89) n-Butylbenzene	13.59	91	680420	49.215	ug/l	99
90) Hexachloroethane	13.85	117	123455	67.630	ug/l	87
91) 1,2-Dichlorobenzene	13.63	146	440591	54.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	46230	42.946	ug/l	88

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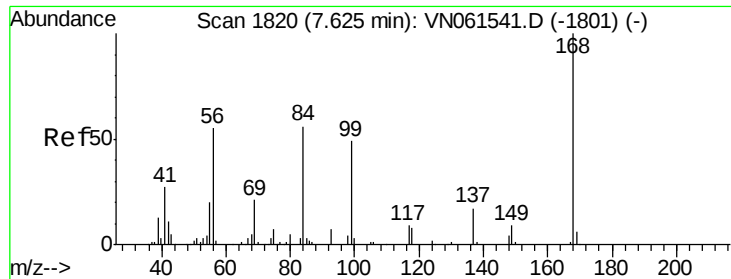
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	262289	55.121	ug/l	98
94) Hexachlorobutadiene	14.99	225	109659	54.035	ug/l	100
95) Naphthalene	15.10	128	742418	51.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	256466	54.818	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 333633

Ion Ratio Lower Upper

168 100

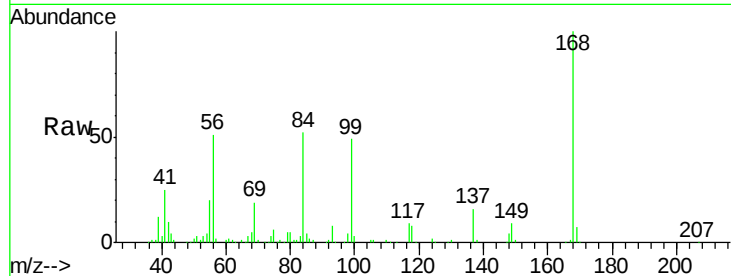
99 48.9 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

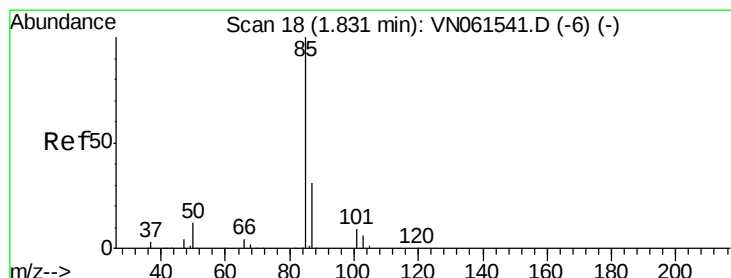
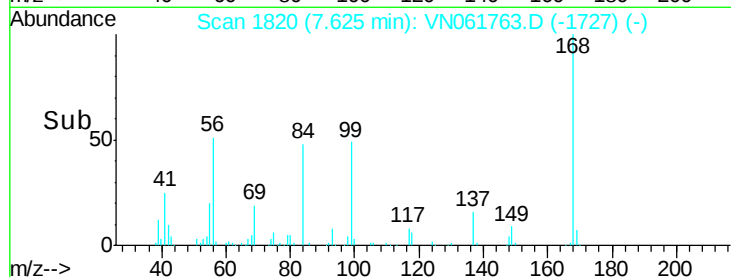
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.478 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061763.D

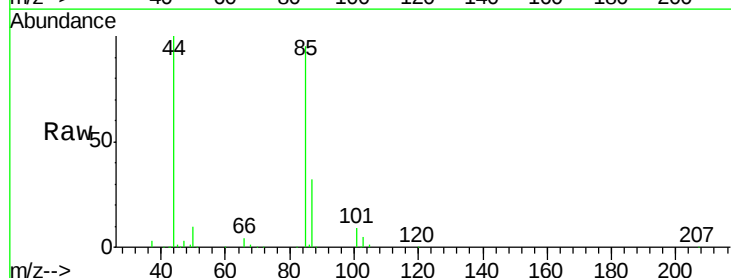
Acq: 11 Jun 2020 21:31

Tgt Ion: 85 Resp: 186605

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

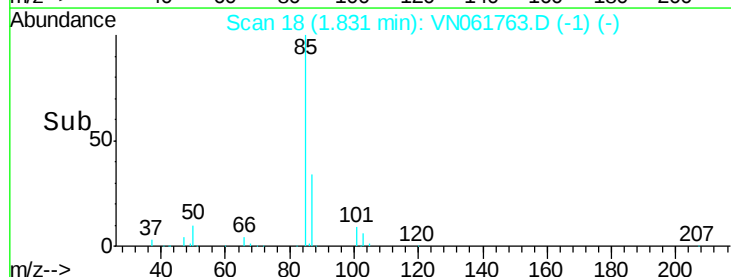
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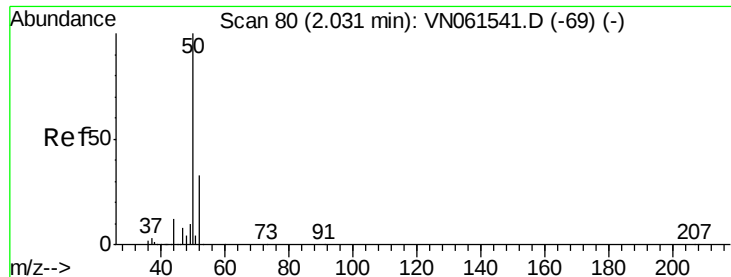
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.126 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 175489

Ion Ratio Lower Upper

50 100

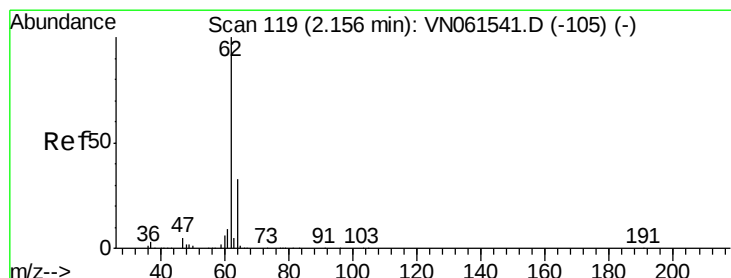
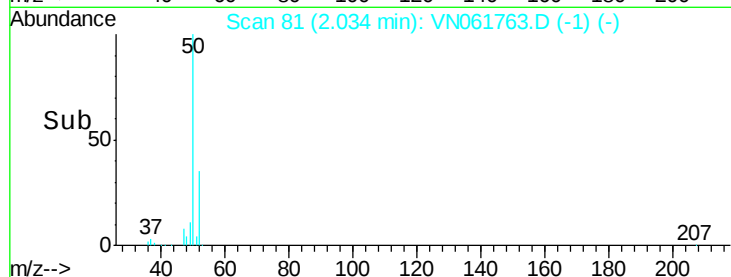
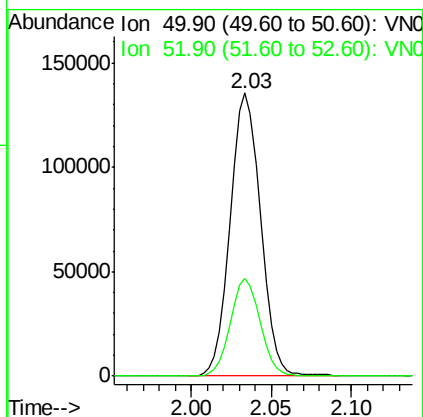
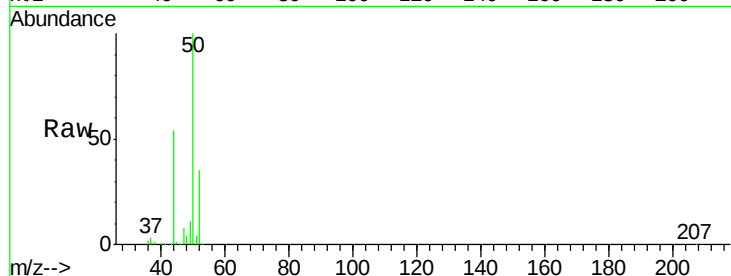
52 34.5 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.436 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061763.D

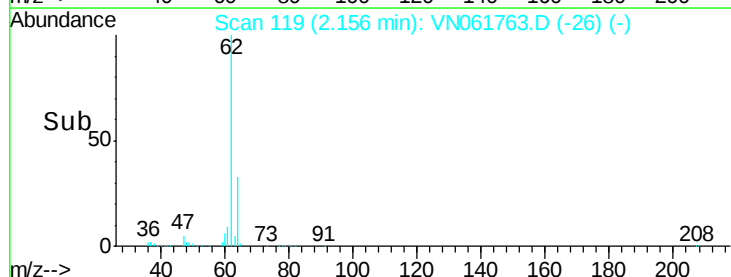
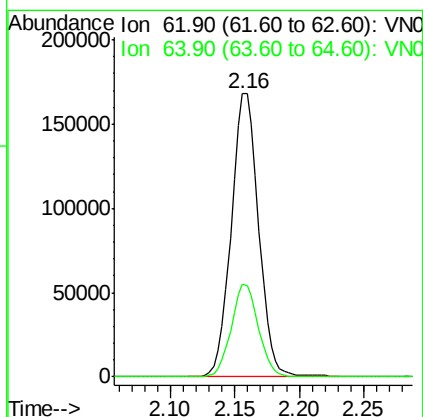
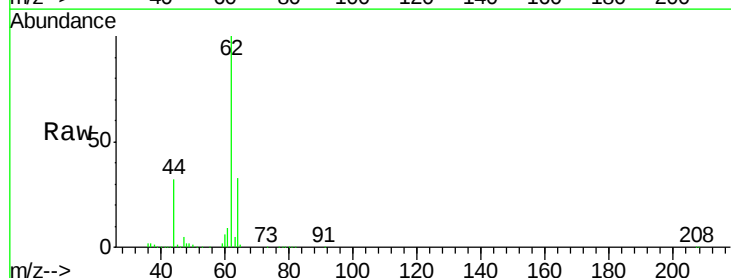
Acq: 11 Jun 2020 21:31

Tgt Ion: 62 Resp: 247793

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 49.176 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 157353

Ion Ratio Lower Upper

94 100

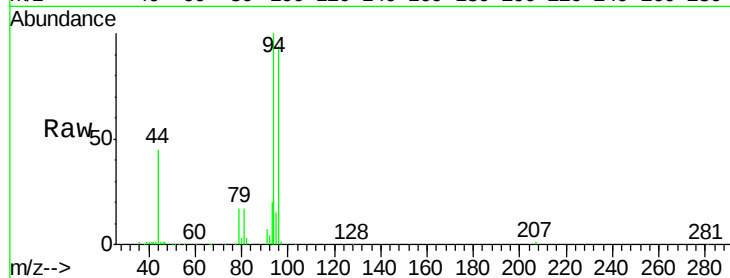
96 94.1 74.8 112.2

Manual Integrations

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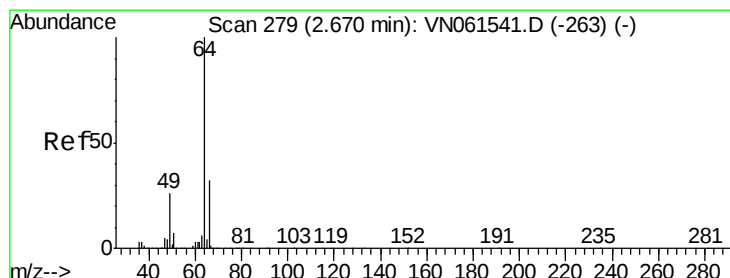
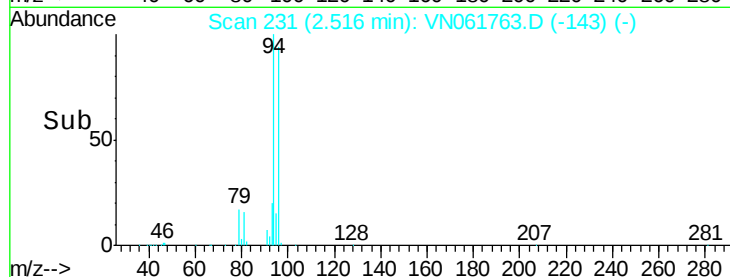
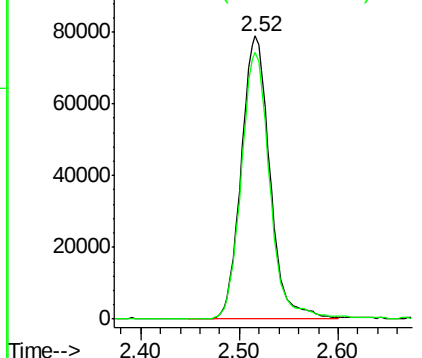
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 46.656 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061763.D

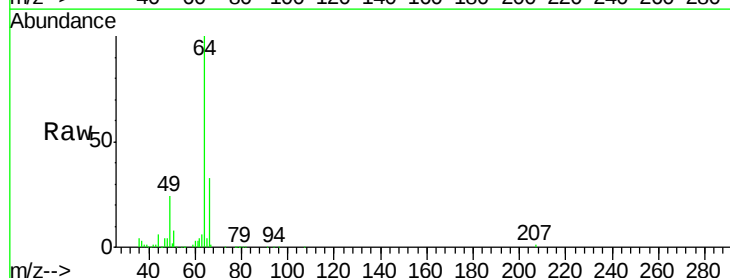
Acq: 11 Jun 2020 21:31

Tgt Ion: 64 Resp: 167464

Ion Ratio Lower Upper

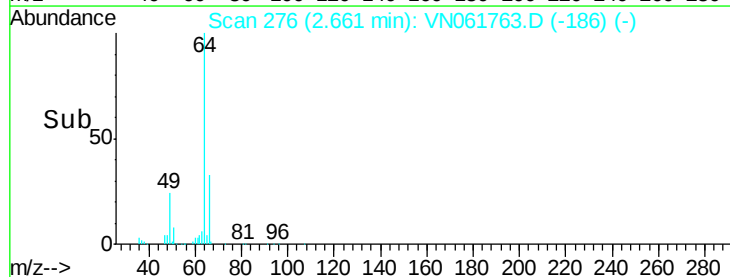
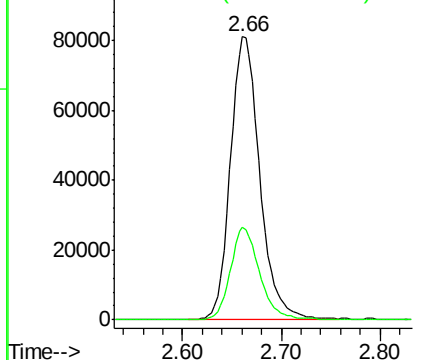
64 100

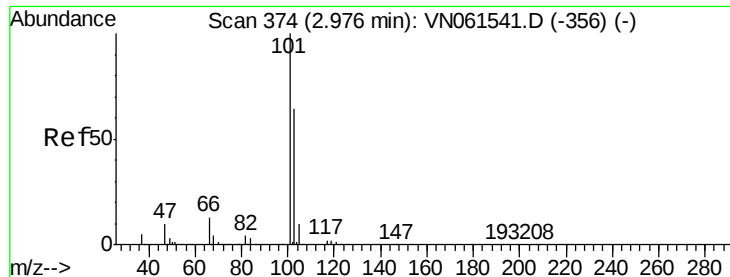
66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

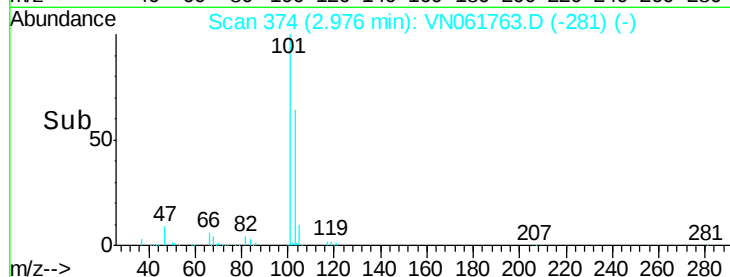
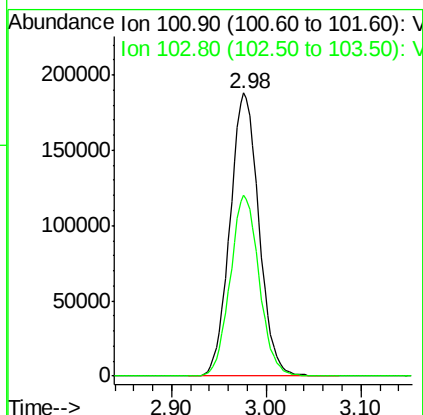
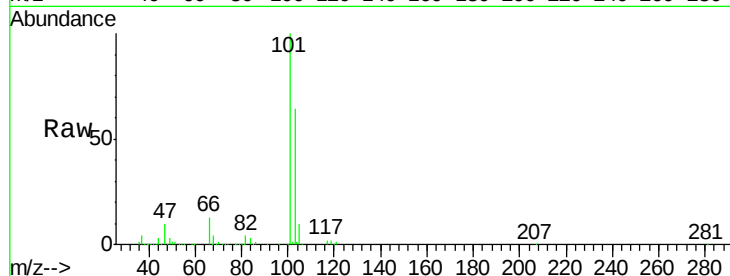
Trichlorofluoromethane
Concen: 55.615 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN061763.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.4	77.2

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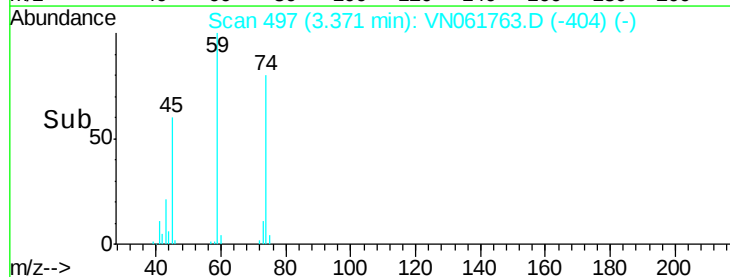
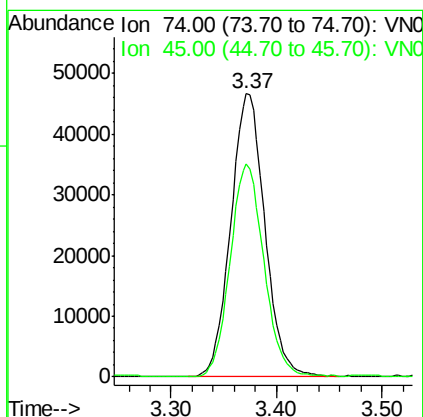
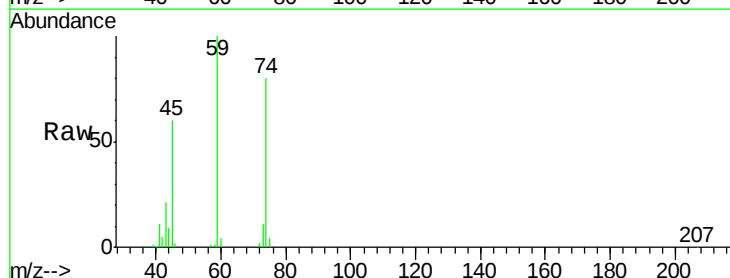
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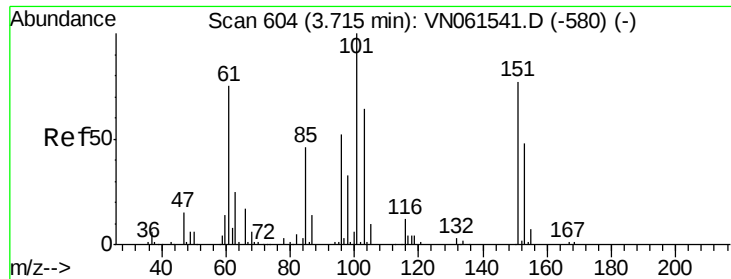


#8

Diethyl Ether
Concen: 47.627 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	74.3	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.323 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 163772
Ion Ratio Lower Upper

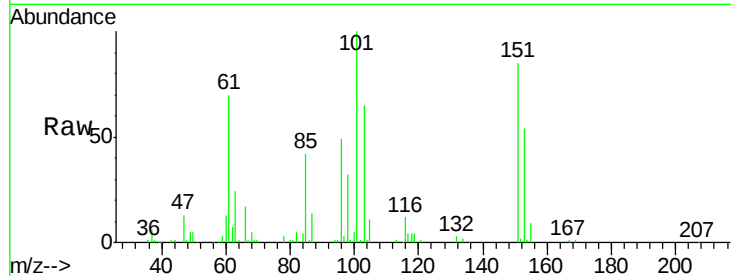
101 100

85 42.0 35.2 52.8

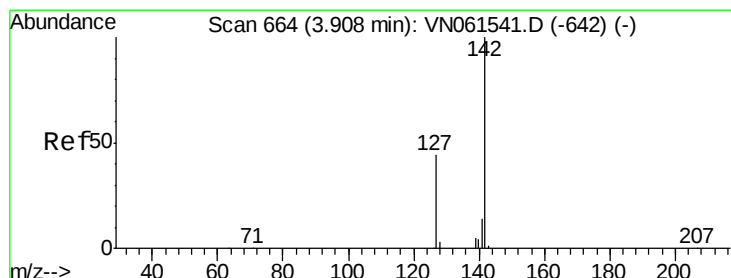
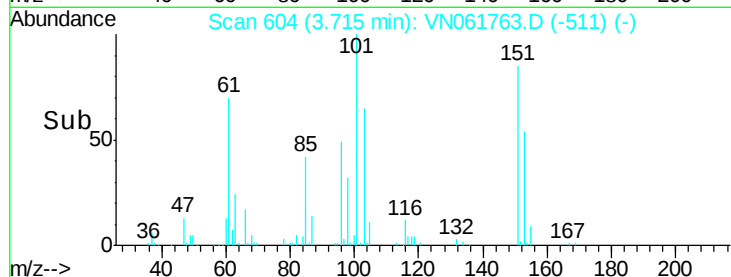
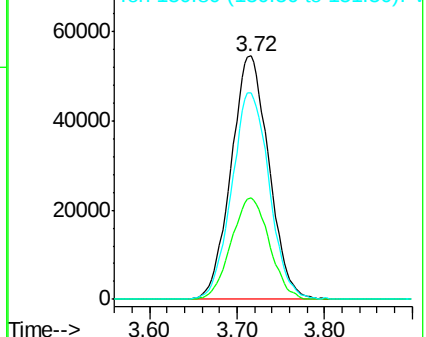
151 84.3 61.0 91.6

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6/12/2020 5:46:28 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.023 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061763.D

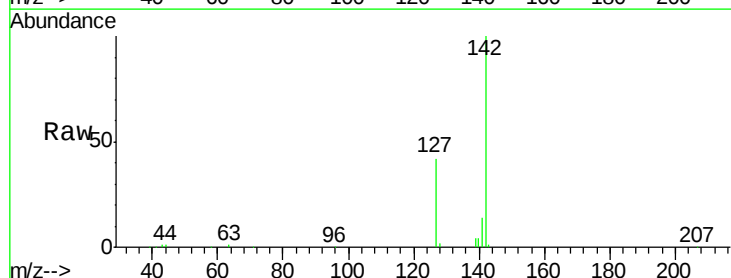
Acq: 11 Jun 2020 21:31

Tgt Ion:142 Resp: 230444
Ion Ratio Lower Upper

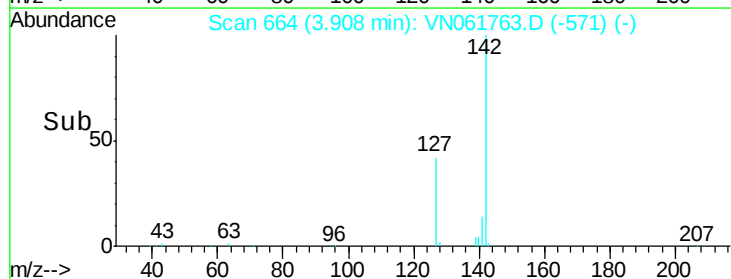
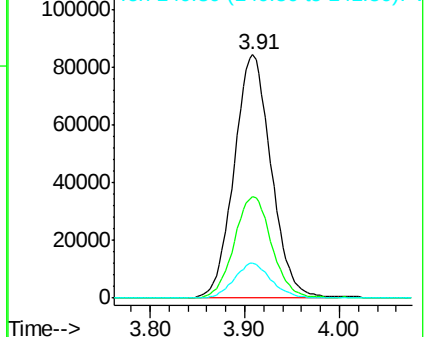
142 100

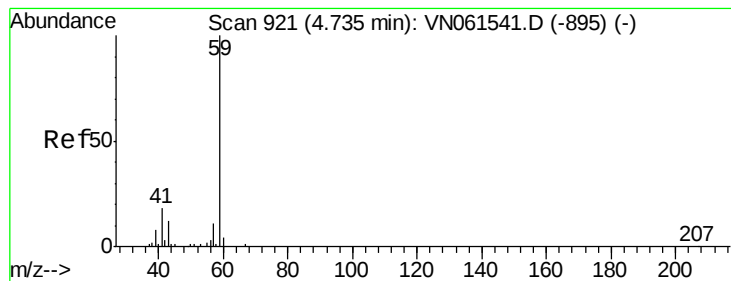
127 42.2 35.5 53.3

141 14.3 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

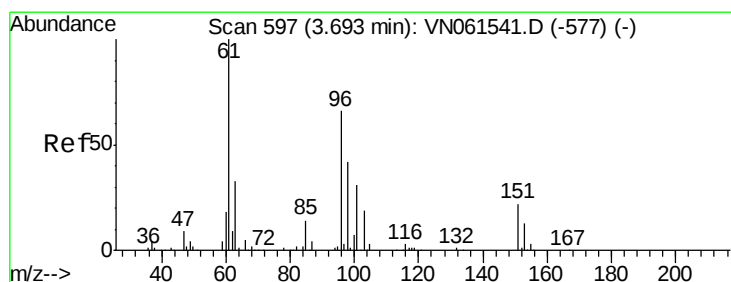
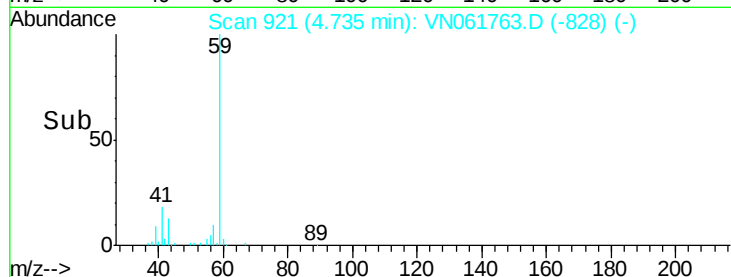
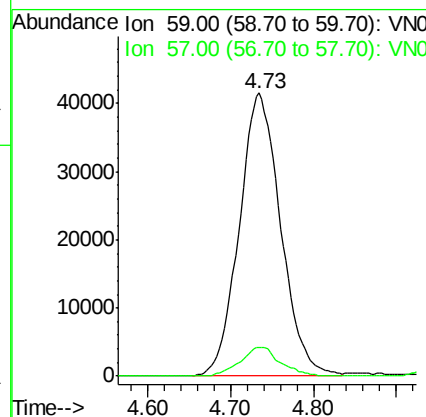
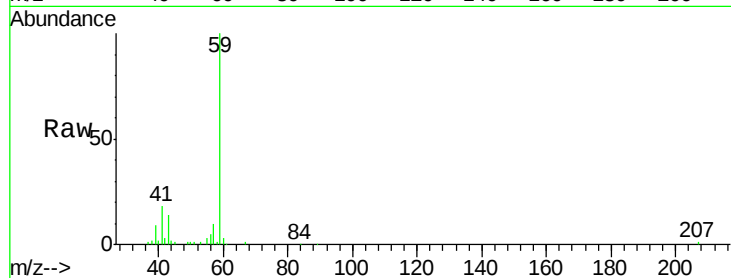
Tert butyl alcohol
Concen: 272.490 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	144072
Ion Ratio	100	Lower	Upper
57	9.9	8.4	12.6

Manual Integrations
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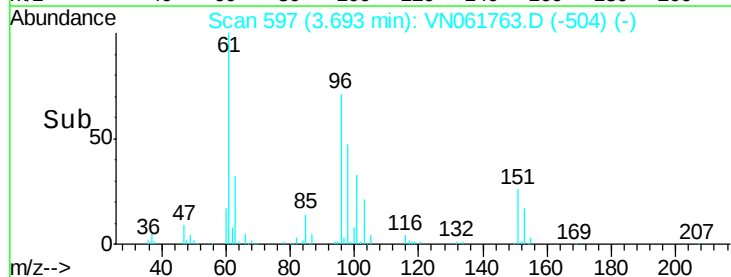
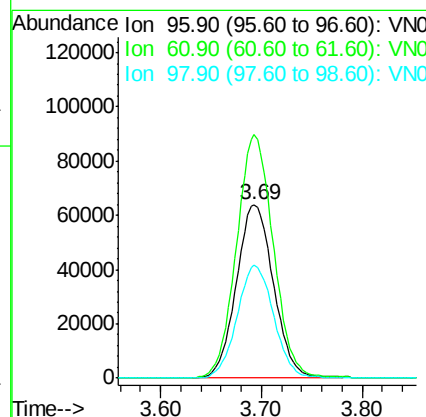
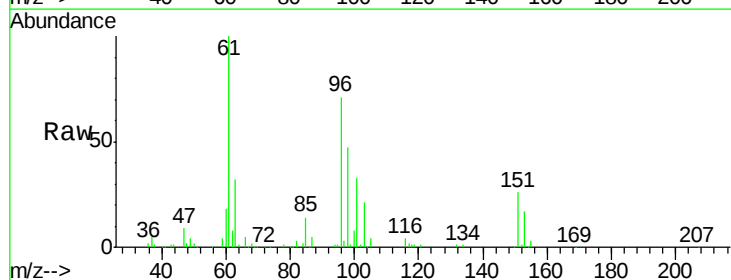
MMDadoda
6/12/2020 5:46:28 PM

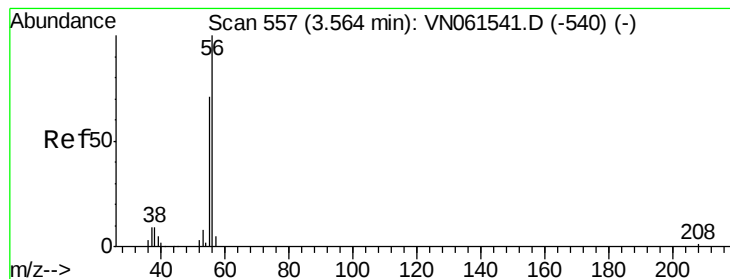


#12

1,1-Dichloroethene
Concen: 47.964 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	96	Resp	163516
Ion Ratio	100	Lower	Upper
61	140.3	120.5	180.7
98	65.4	50.8	76.2





#13

Acrolein

Concen: 190.122 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30244

Ion Ratio Lower Upper

56 100

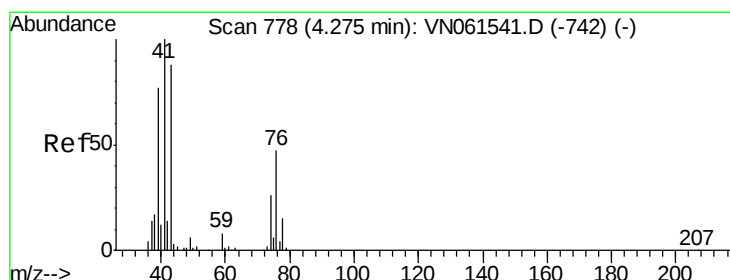
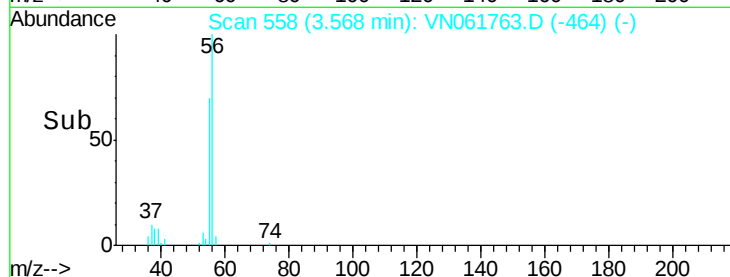
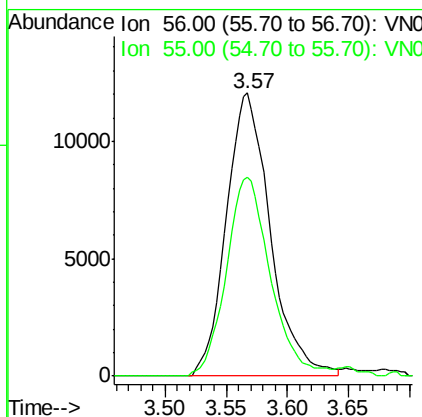
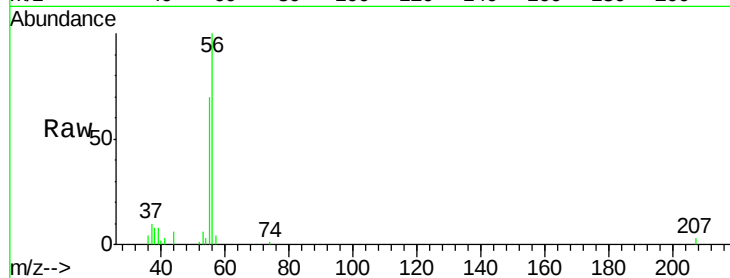
55 70.2 58.0 87.0

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 44.225 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

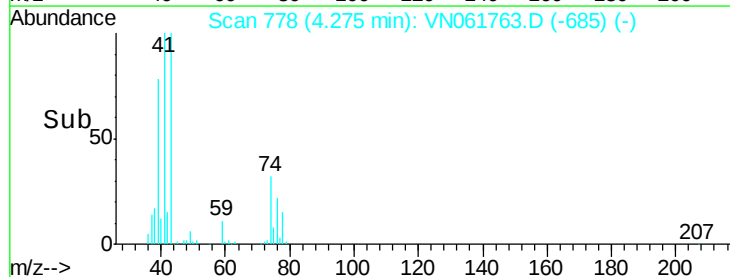
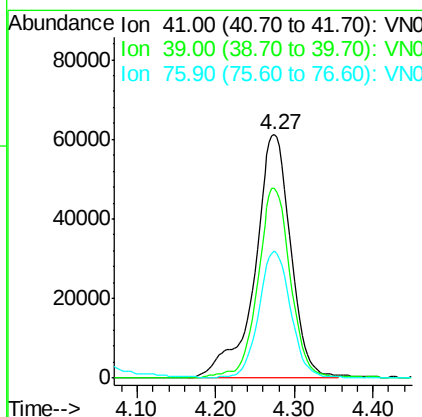
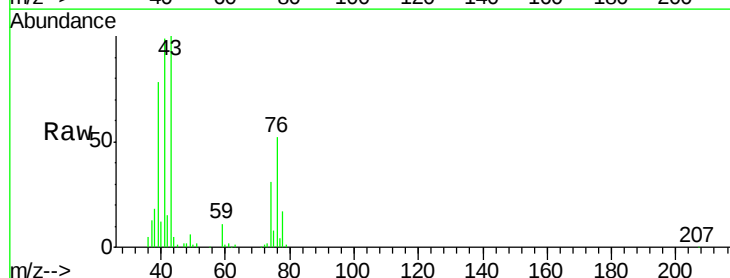
Tgt Ion: 41 Resp: 197108

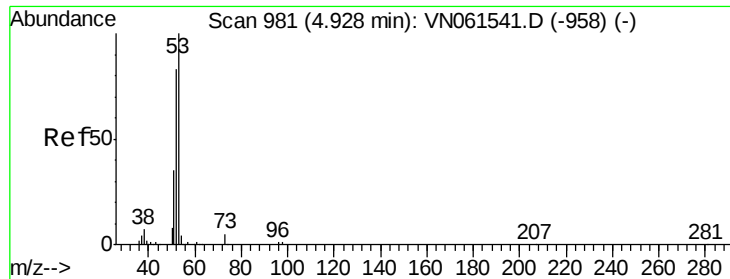
Ion Ratio Lower Upper

41 100

39 71.2 58.6 88.0

76 45.5 34.2 51.4





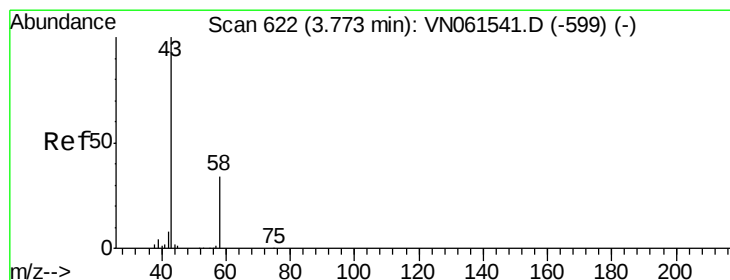
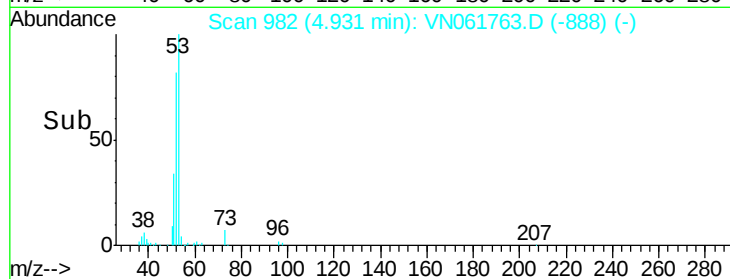
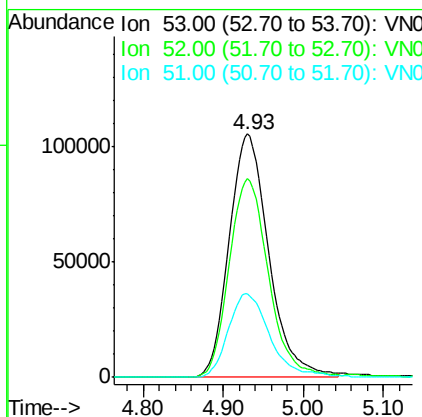
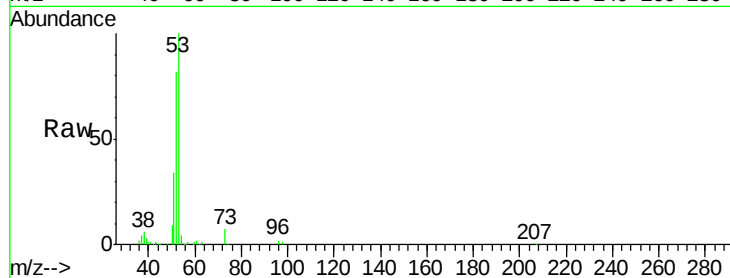
#15
 Acrylonitrile
 Concen: 240.960 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.4	98.2
51	36.2	29.0	43.6

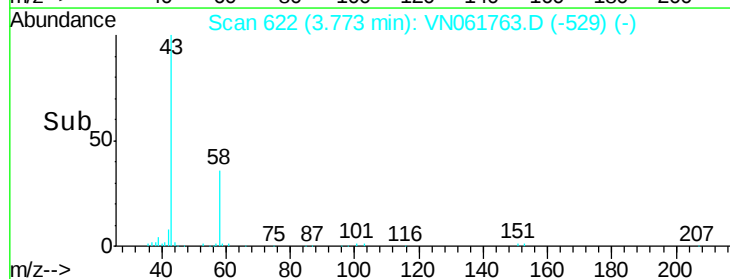
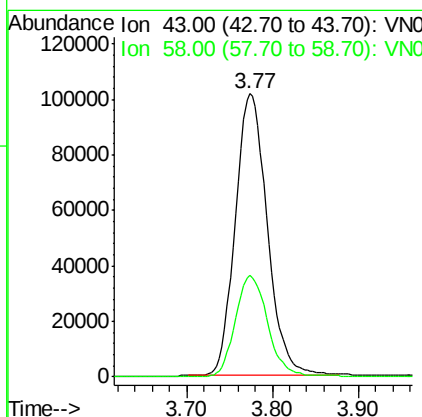
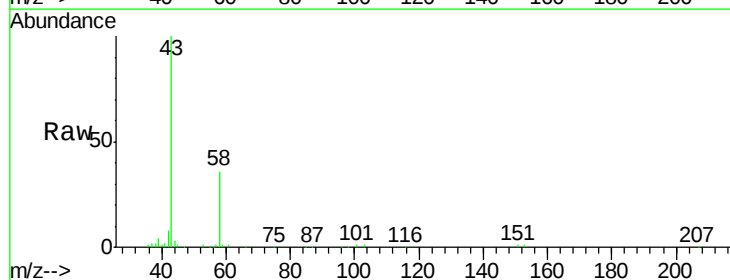
Manual Integrations
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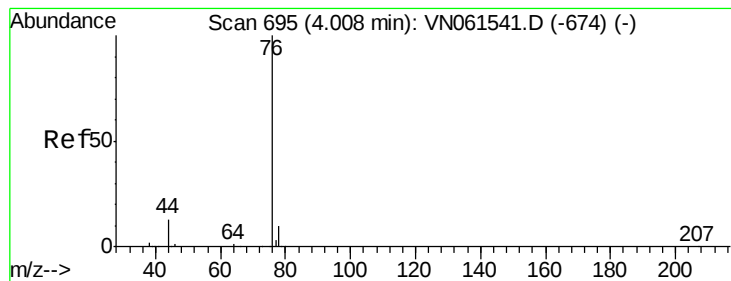
MMDadoda
 6/12/2020 5:46:28 PM



#16
 Acetone
 Concen: 240.173 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	27.2	40.8





#17

Carbon Disulfide

Concen: 40.665 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 305007

Ion Ratio Lower Upper

76 100

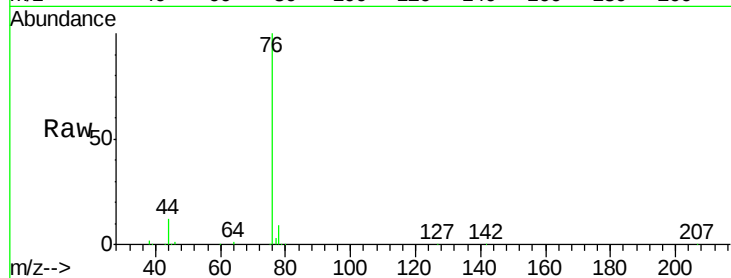
78 8.9 7.8 11.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

120000

100000

80000

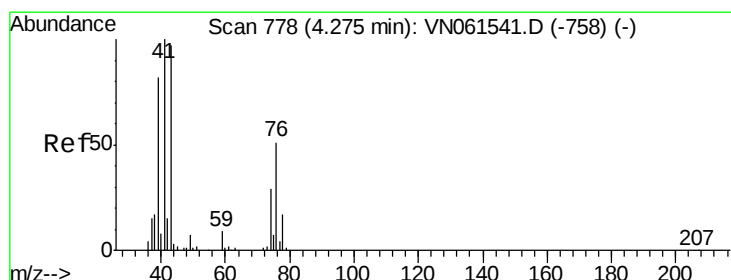
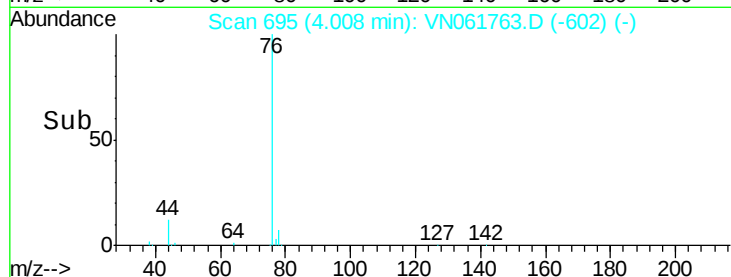
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 48.465 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061763.D

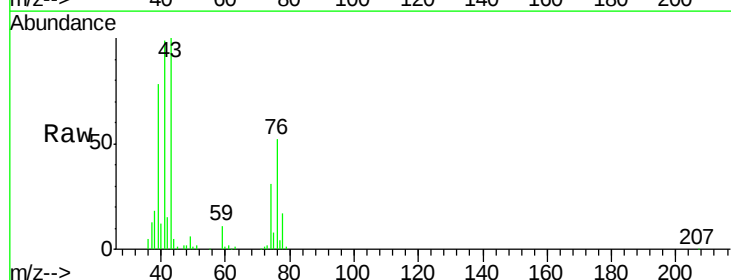
Acq: 11 Jun 2020 21:31

Tgt Ion: 43 Resp: 174397

Ion Ratio Lower Upper

43 100

74 31.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.27

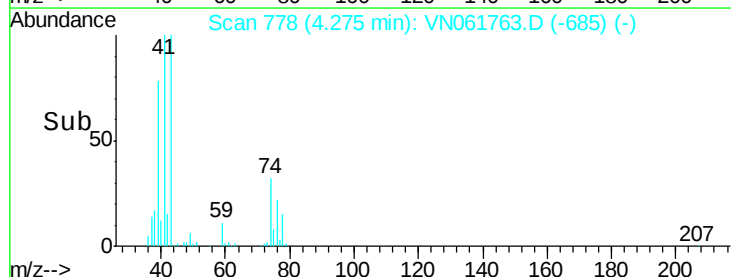
60000

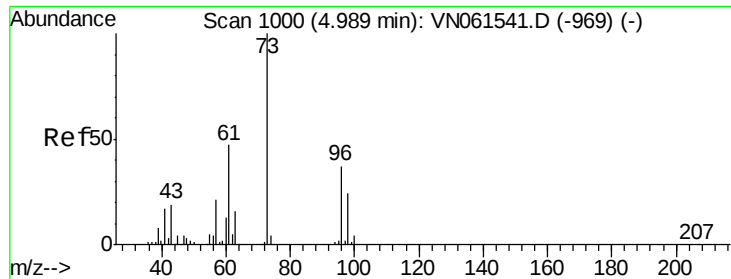
40000

20000

0

Time-->





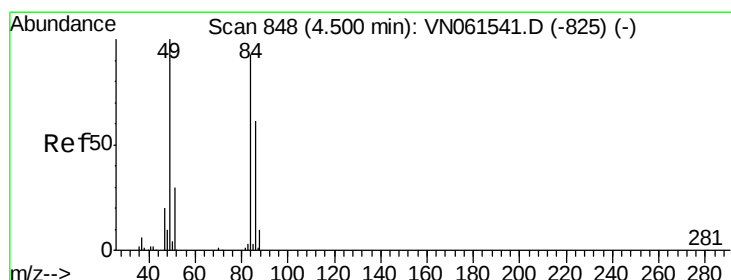
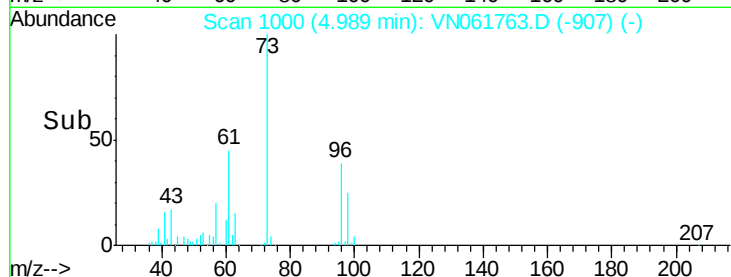
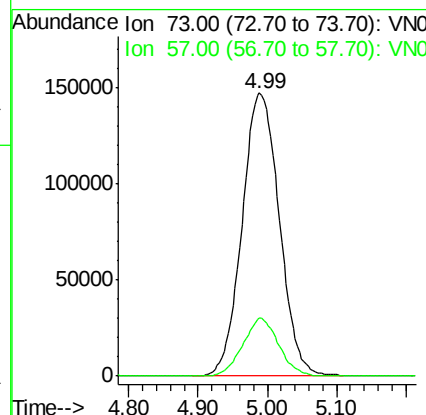
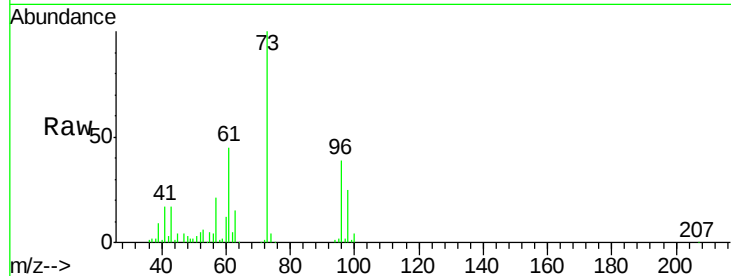
#19
Methvl tert-butvl Ether
Concen: 47.304 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 549615
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6

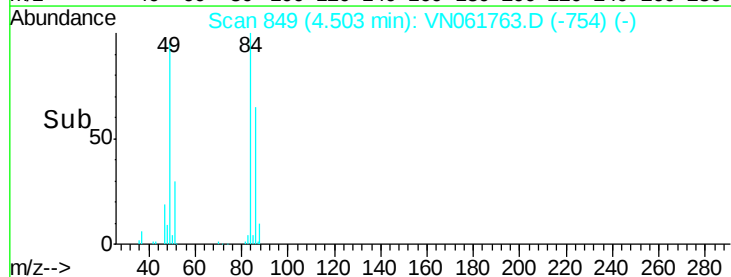
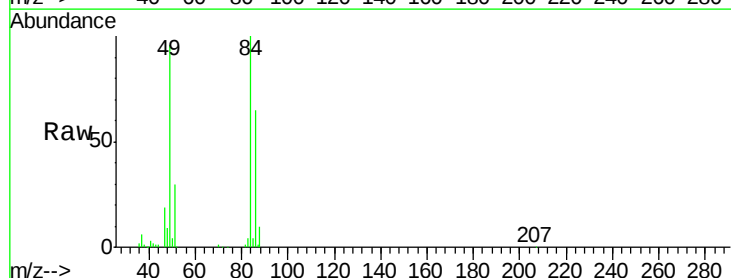
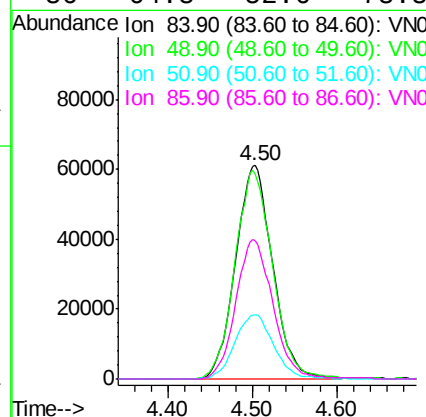
Manual Integrations
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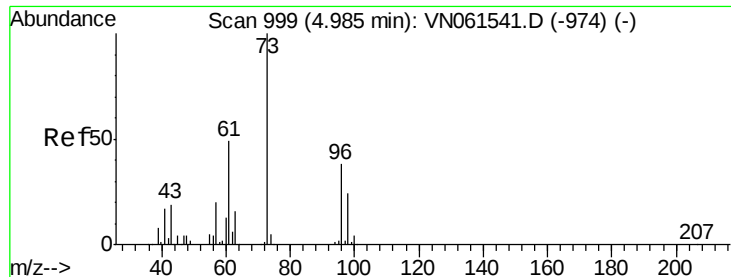
MMDadoda
6/12/2020 5:46:28 PM



#20
Methylene Chloride
Concen: 52.021 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 84 Resp: 187697
Ion Ratio Lower Upper
84 100
49 95.7 85.8 128.8
51 30.2 26.2 39.2
86 64.8 52.6 78.8





#21

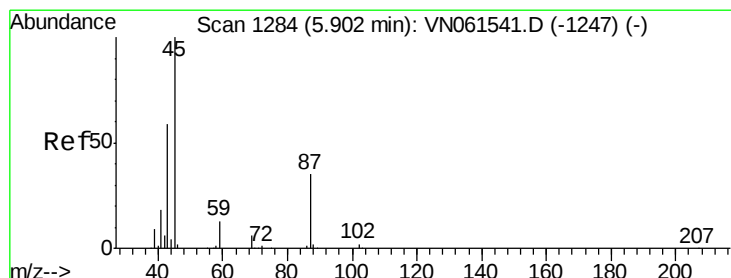
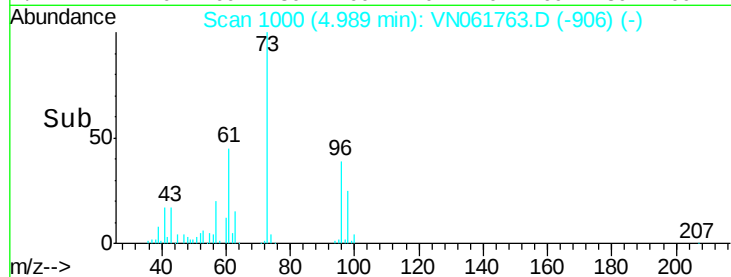
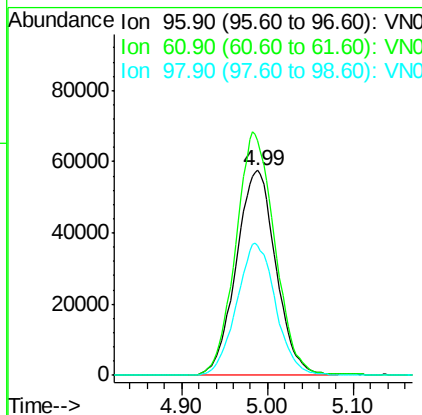
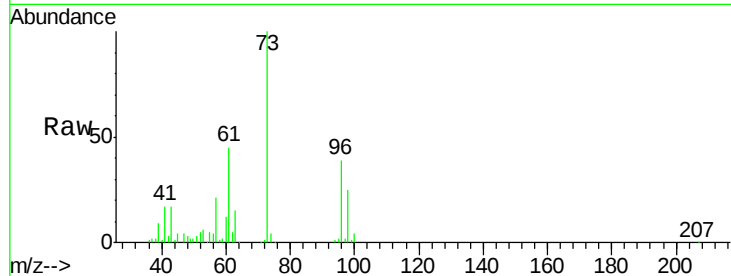
trans-1,2-Dichloroethene
Concen: 48.061 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	114.2	101.4	152.0
98	63.1	50.6	76.0

Manual Integrations
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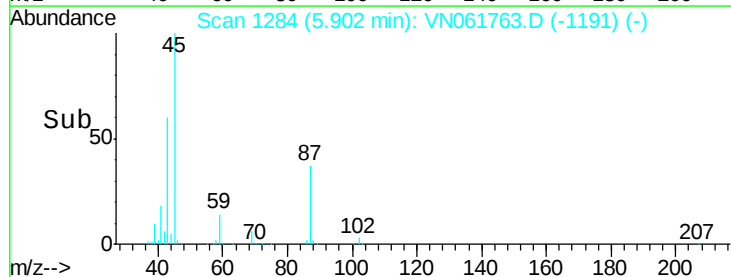
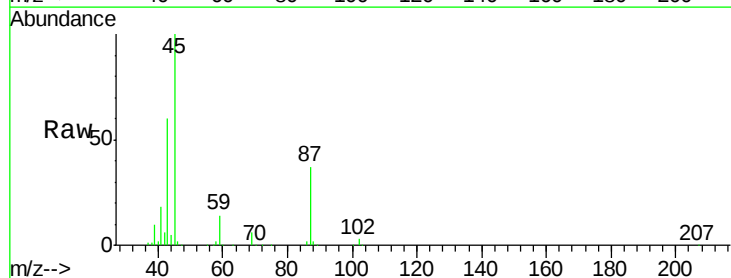
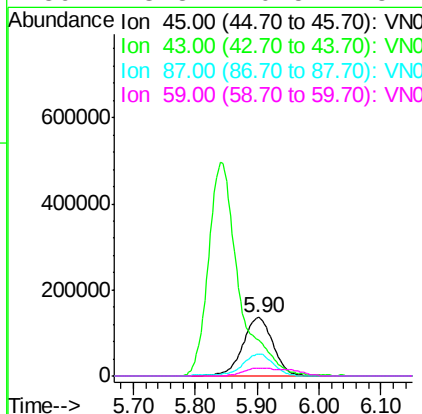
MMDadoda
6/12/2020 5:46:28 PM

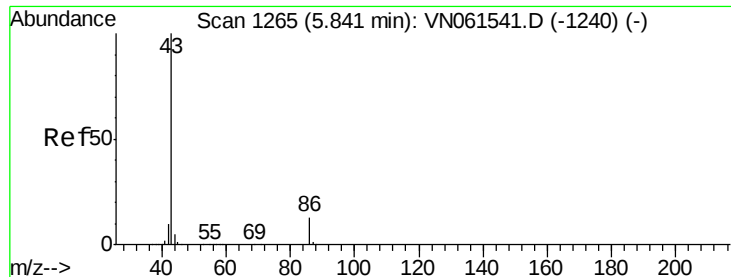


#22

Diisopropyl ether
Concen: 47.213 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.3	47.9	71.9
87	37.2	28.4	42.6
59	13.8	10.5	15.7





#23

Vinyl Acetate

Concen: 216.693 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1696566

Ion Ratio Lower Upper

43 100

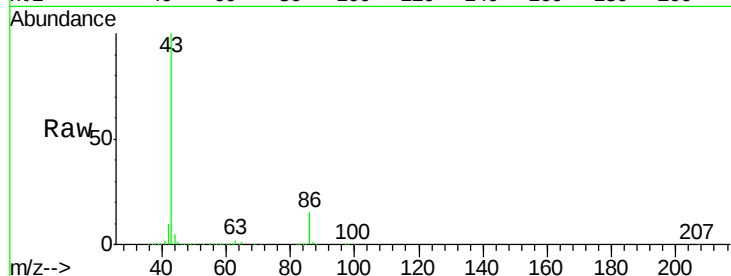
86 14.8 10.6 16.0

Manual Integrations

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6/12/2020 5:46:28 PM



Abundance Ion 43.00 (42.70 to 43.70): VN061763.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN061763.D (-1172) (-)

5.84

500000

400000

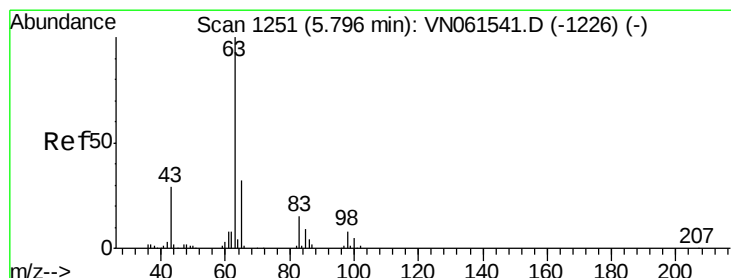
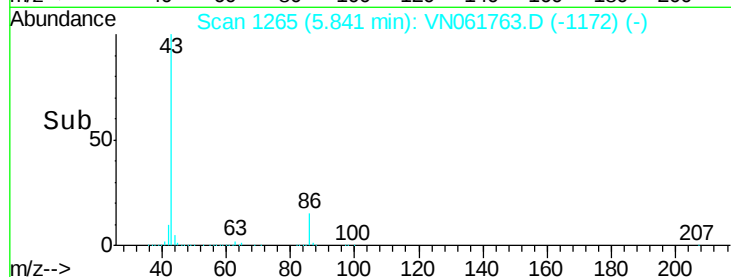
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.190 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

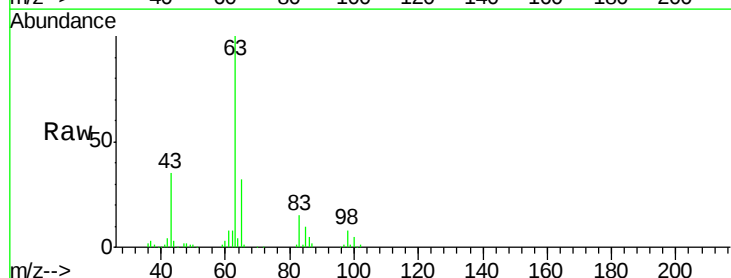
Tgt Ion: 63 Resp: 306408

Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.4

100 5.4 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061763.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061763.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061763.D (-1158) (-)

5.80

120000

100000

80000

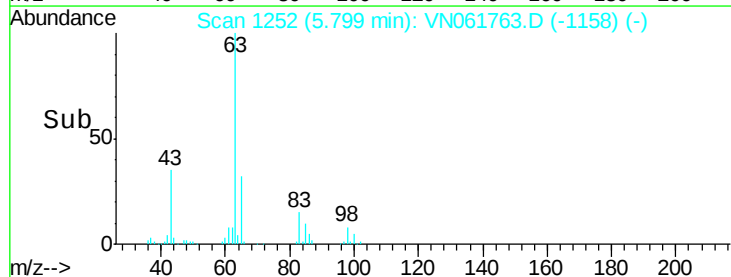
60000

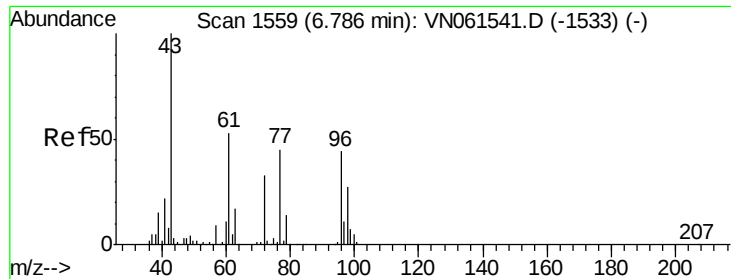
40000

20000

0

Time-->





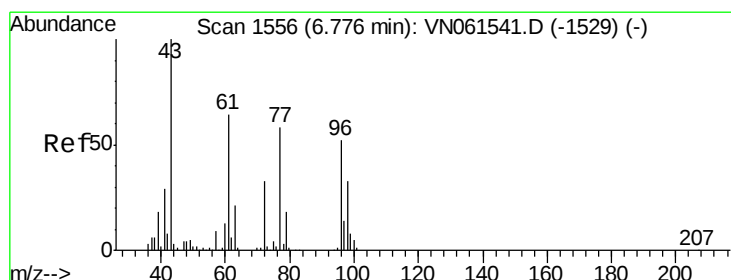
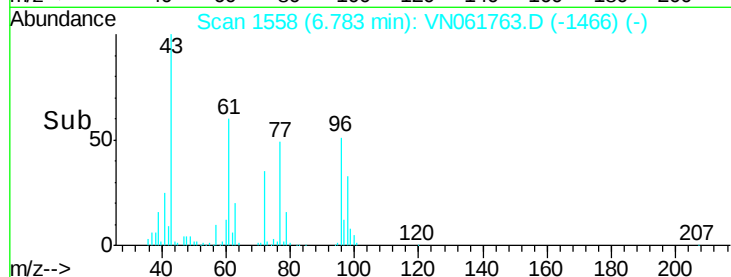
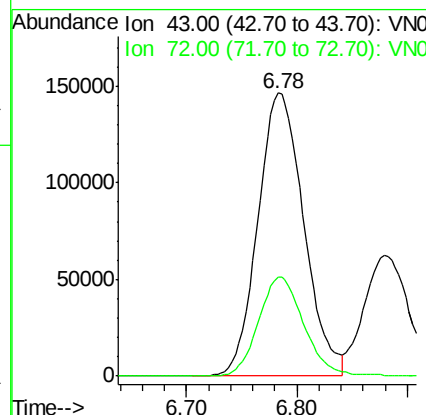
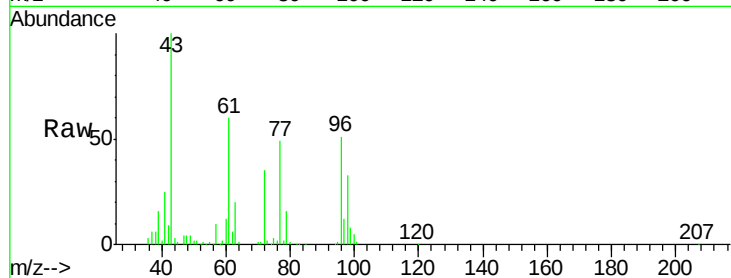
#25
2-Butanone
Concen: 224.028 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 422041
Ion Ratio Lower Upper
43 100
72 34.9 26.0 39.0

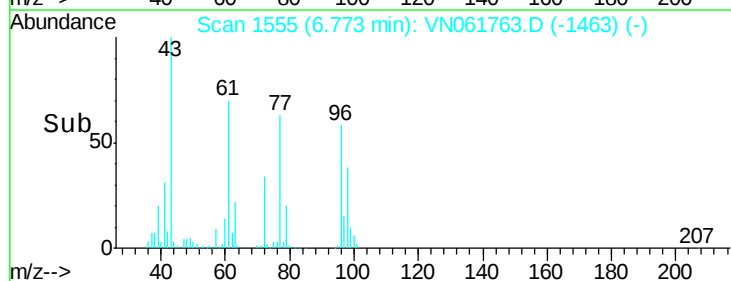
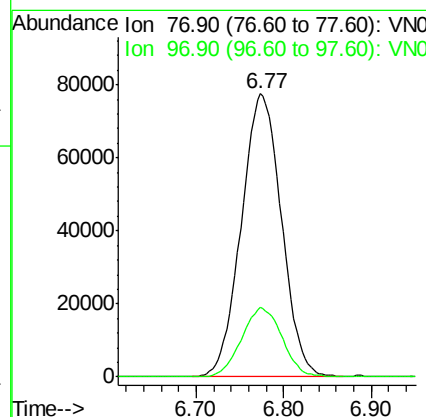
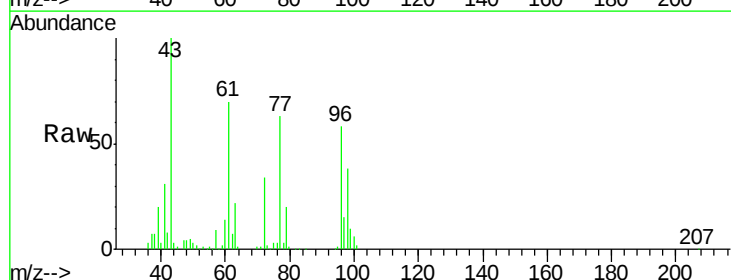
Manual Integrations
APPROVED

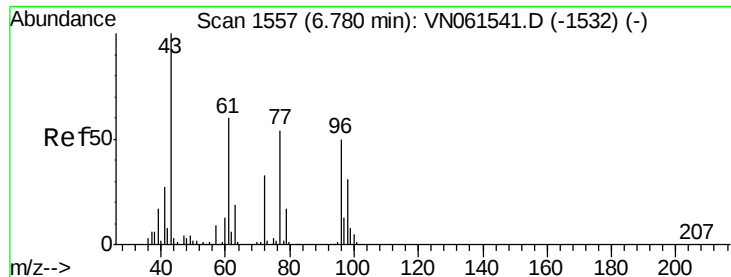
MMDadoda
6/12/2020 5:46:28 PM



#26
2,2-Dichloropropane
Concen: 43.260 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 77 Resp: 246638
Ion Ratio Lower Upper
77 100
97 24.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 50.020 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

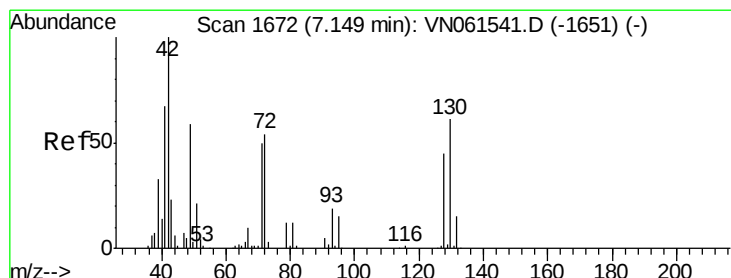
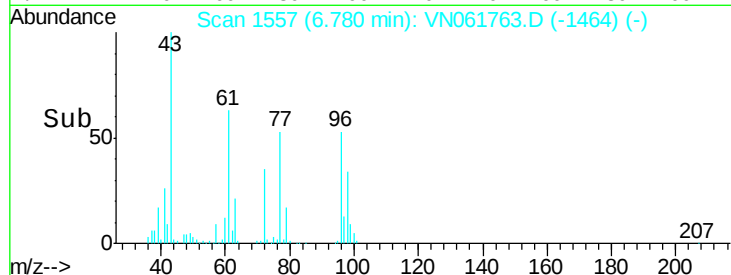
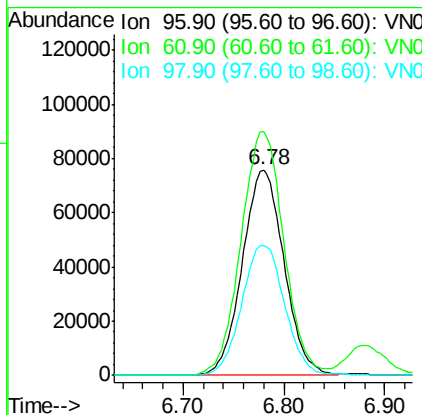
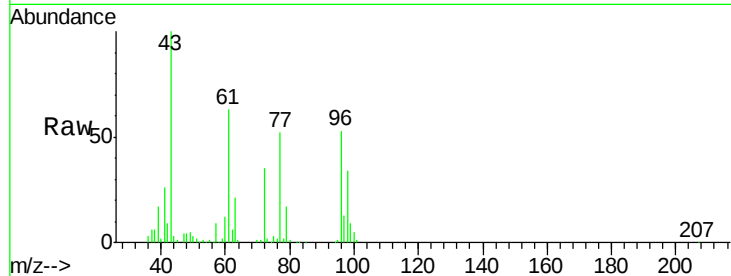
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	217760
Ion	Ratio	Lower	Upper
96	100		
61	122.0	0.0	252.2
98	65.3	0.0	129.2

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#28

Bromochloromethane

Concen: 46.451 ug/l

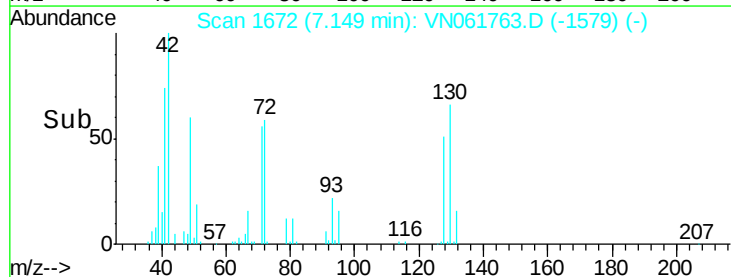
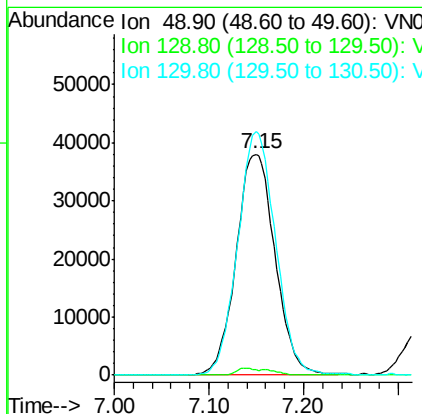
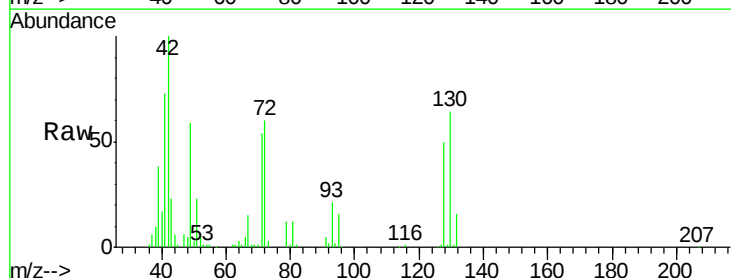
RT: 7.15 min Scan# 1672

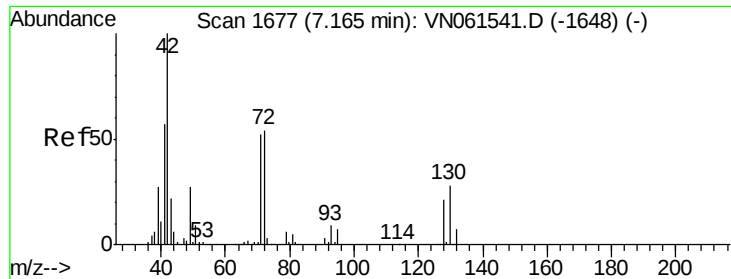
Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Tgt Ion:	49	Resp:	108856
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.8
130	106.6	78.8	118.2





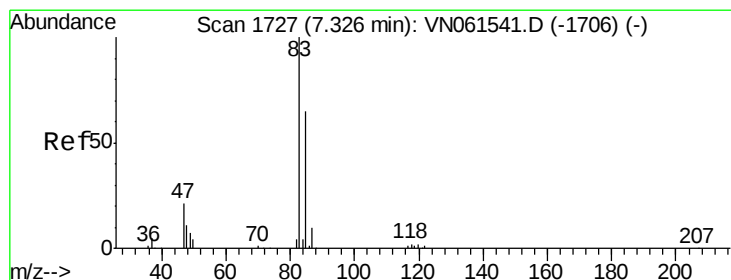
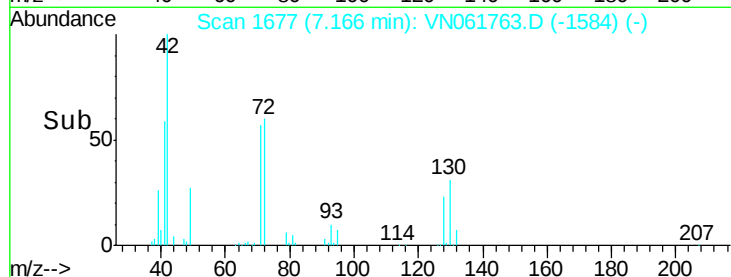
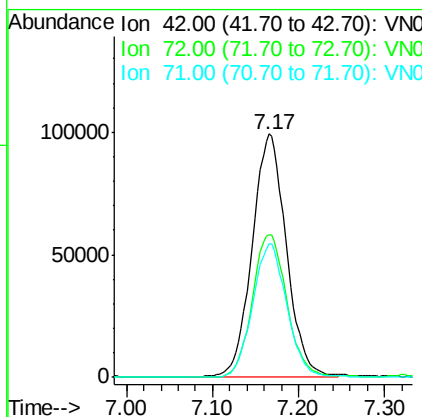
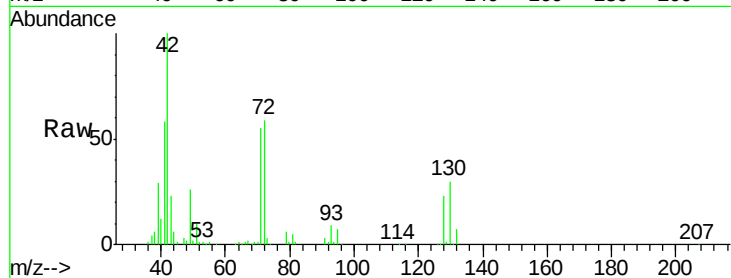
#29
Tetrahydrofuran
Concen: 220.544 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	59.3	43.6	65.4
71	54.9	41.2	61.8

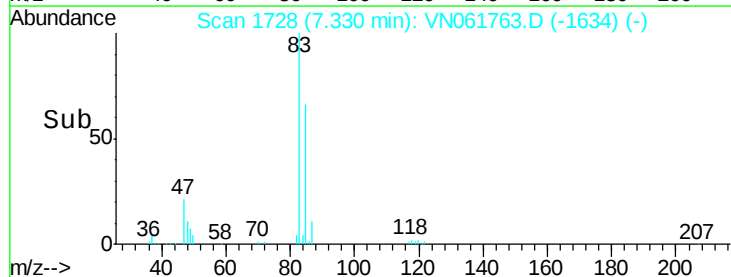
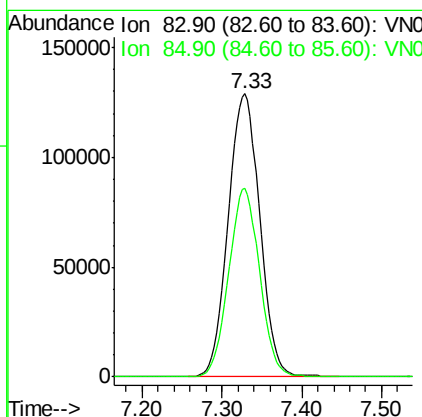
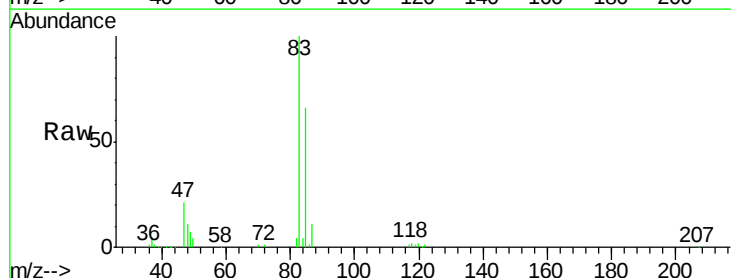
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#30
Chloroform
Concen: 50.413 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.7	77.5





#31

Cyclohexane

Concen: 43.747 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

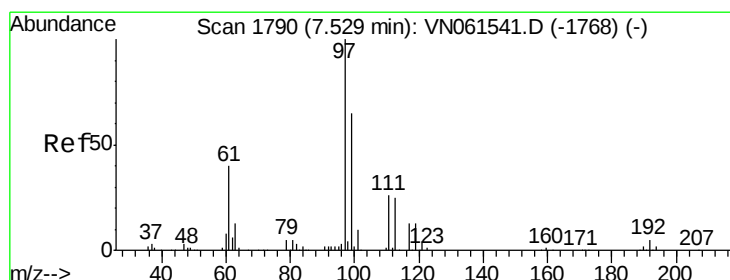
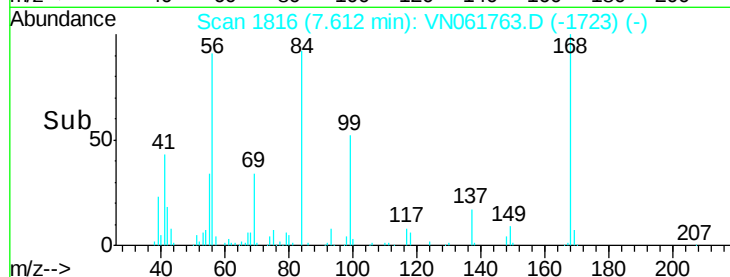
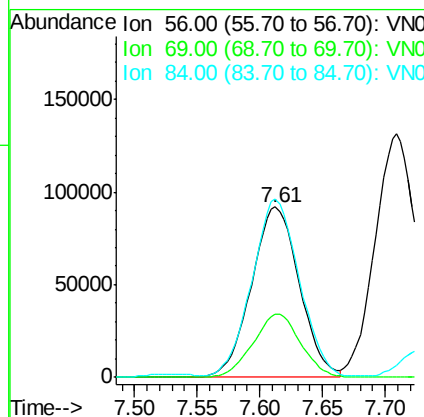
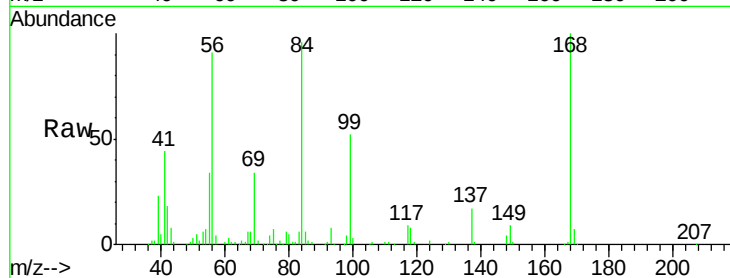
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	245078
Ion Ratio	Lower	Upper	
56	100		
69	36.9	27.8	41.8
84	103.6	79.9	119.9

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#32

1,1,1-Trichloroethane

Concen: 49.409 ug/l

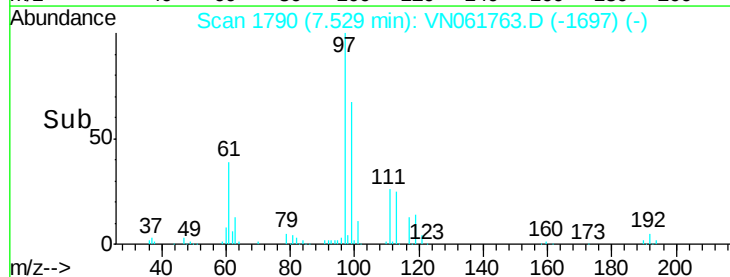
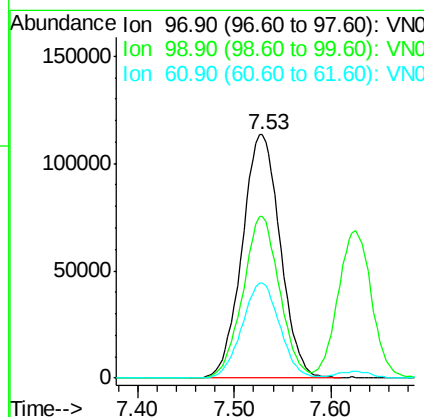
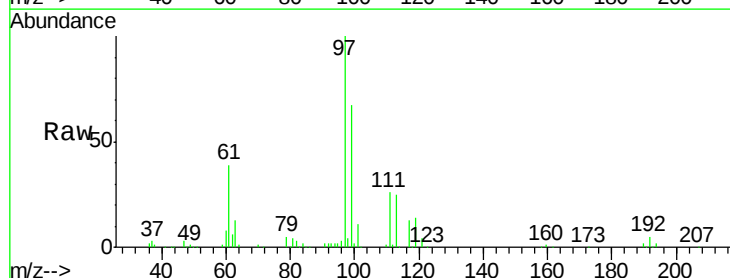
RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Tgt Ion:	97	Resp:	310261
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.4	77.0
61	38.8	31.4	47.0





#33

1,2-Dichloroethane-d4

Concen: 44.815 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 178142

Ion Ratio Lower Upper

65 100

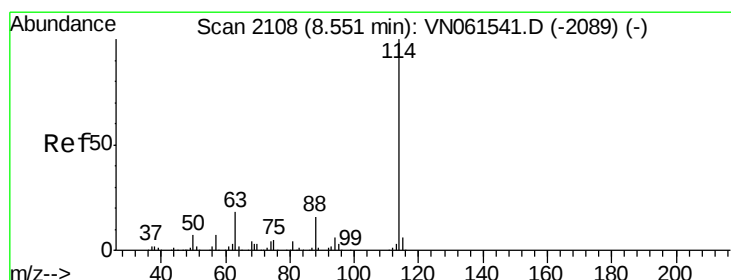
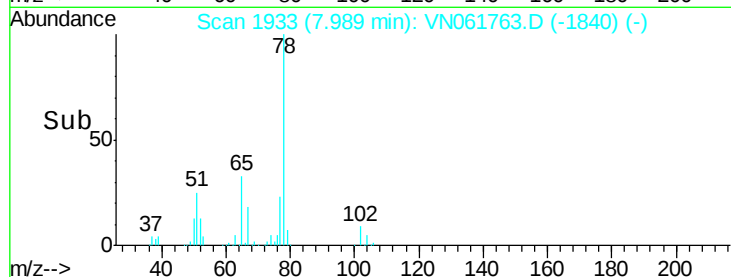
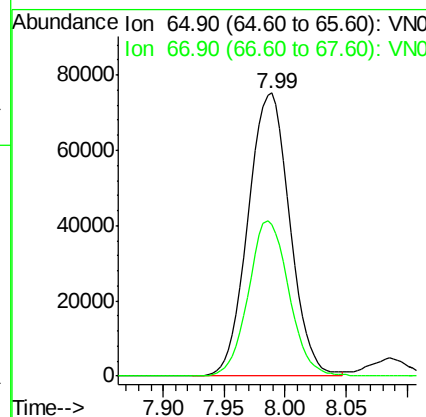
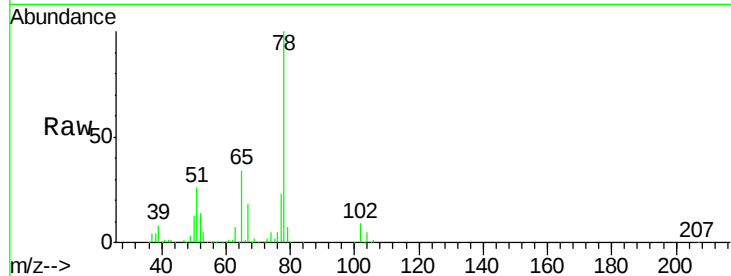
67 53.3 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

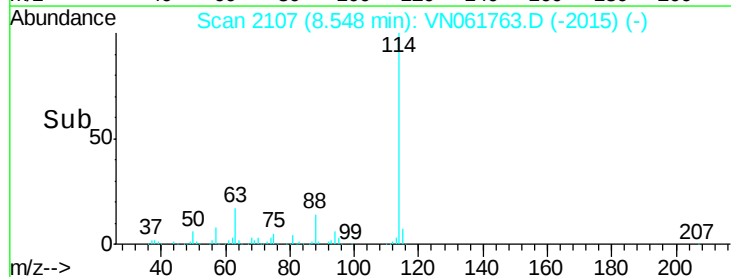
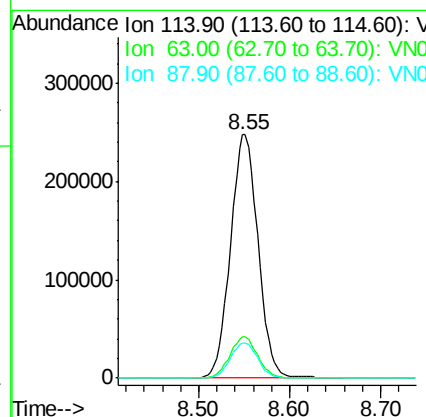
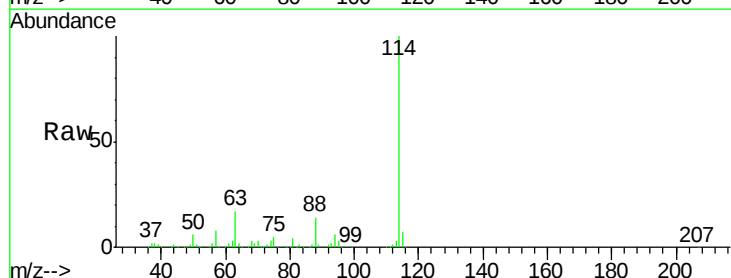
Tgt Ion: 114 Resp: 521009

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.8

88 14.4 0.0 31.0





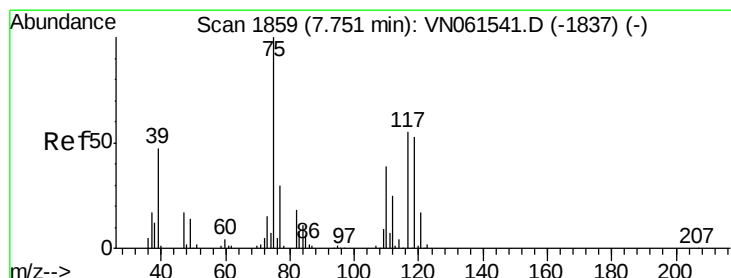
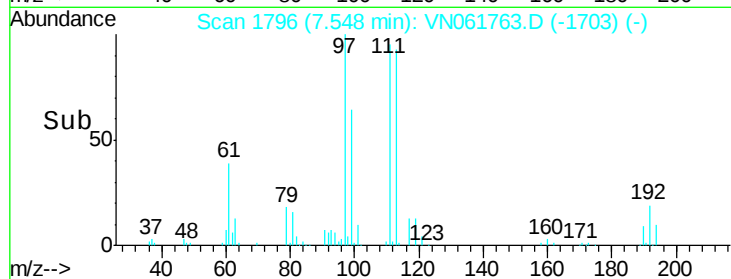
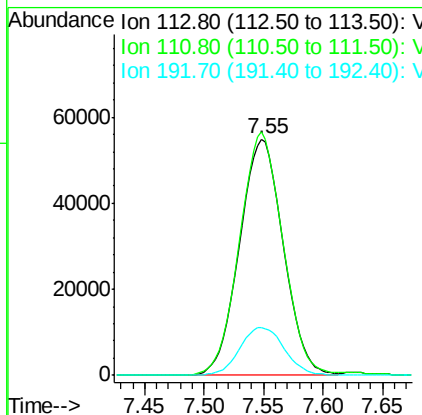
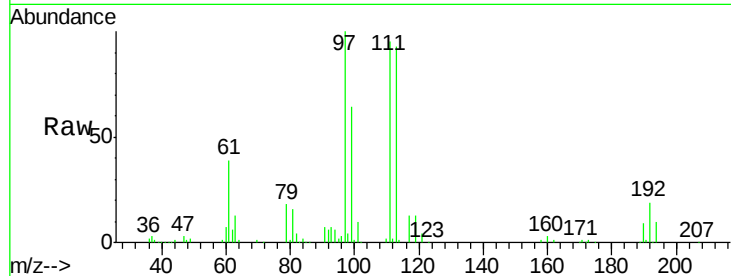
#35
 Dibromofluoromethane
 Concen: 52.892 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139792		
111	101.9	83.4	125.0	
192	20.4	15.4	23.2	

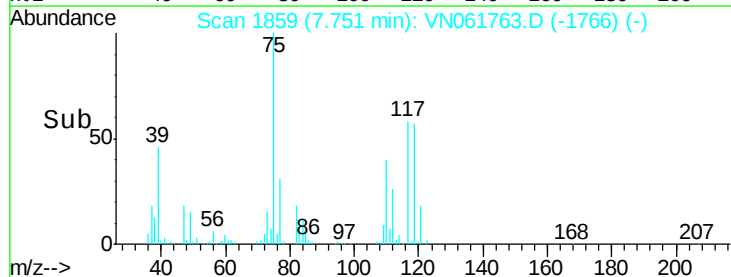
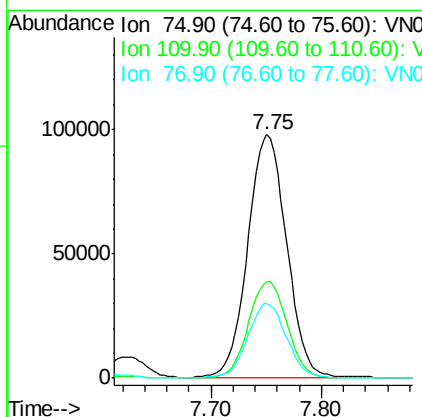
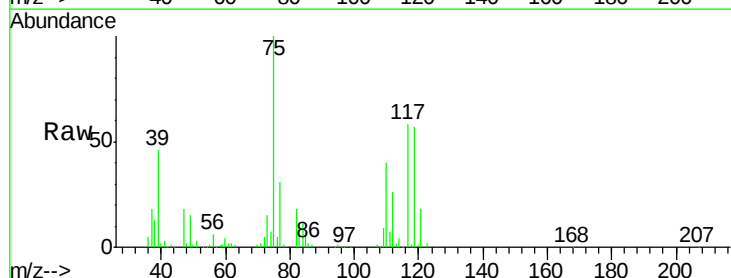
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#36
 1,1-Dichloropropene
 Concen: 51.740 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	238640		
110	39.8	19.5	58.5	
77	31.1	24.7	37.1	





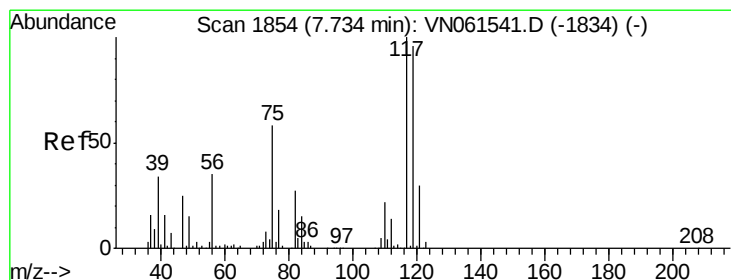
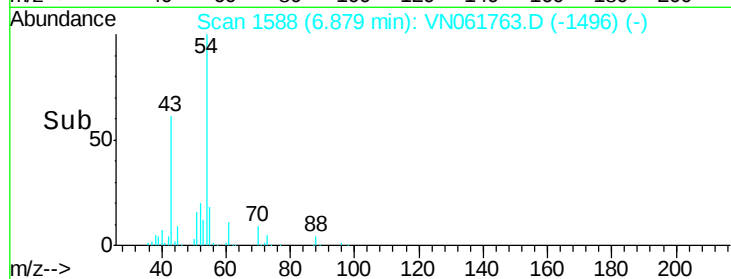
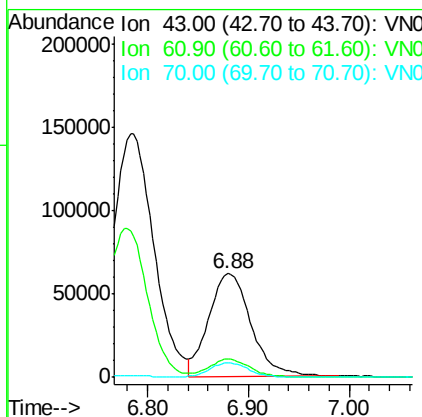
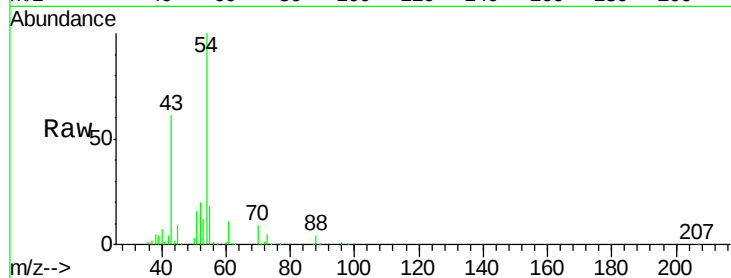
#37
Ethyl Acetate
Concen: 48.623 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	16.9	12.2	18.4	
70	13.3	9.4	14.2	

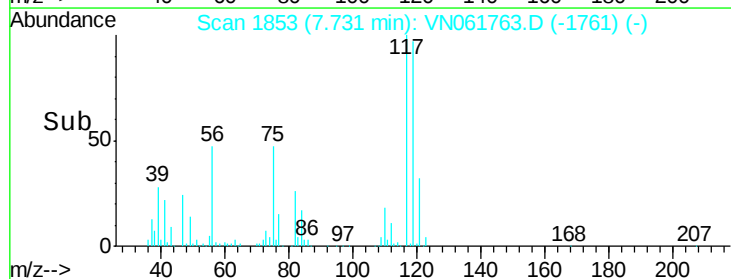
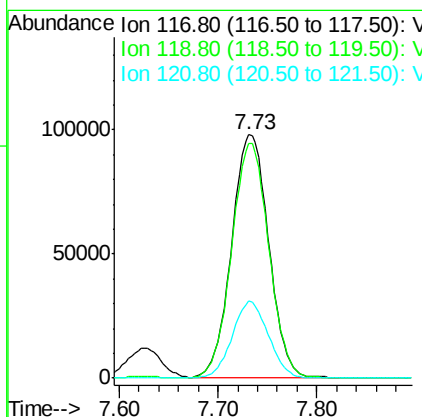
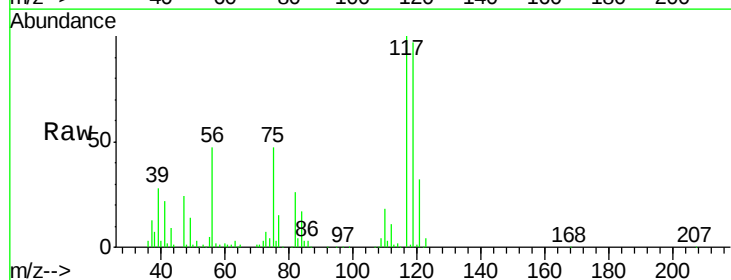
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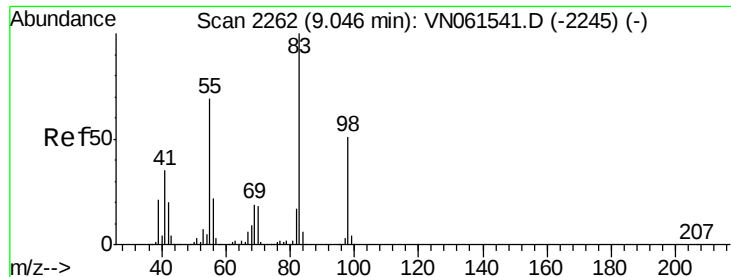
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#38
Carbon Tetrachloride
Concen: 57.433 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.5	114.7	
121	31.6	24.1	36.1	





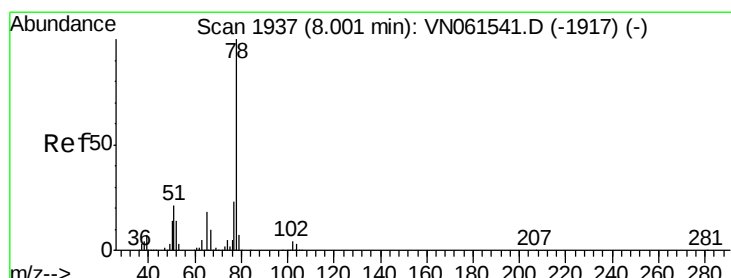
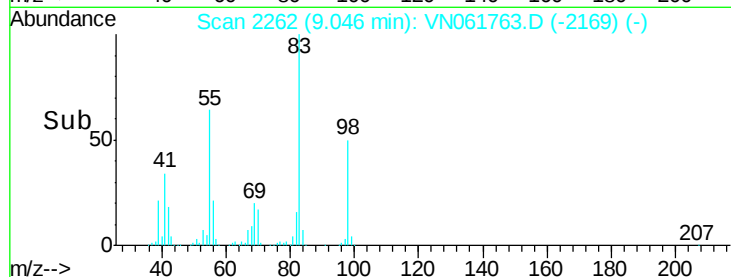
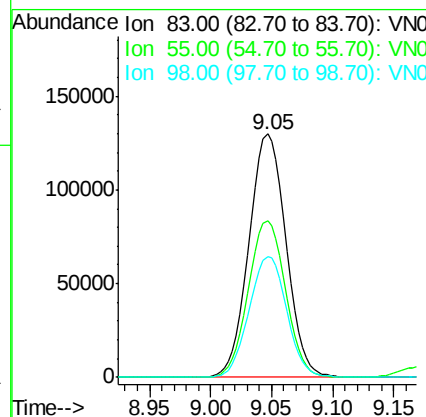
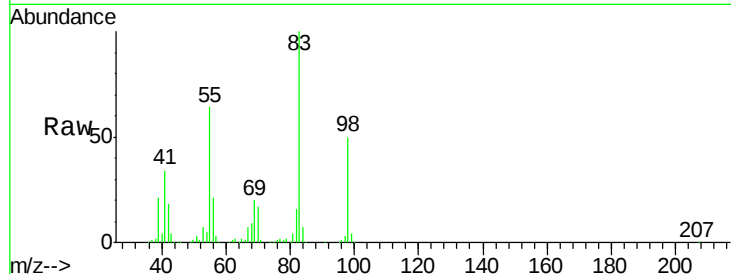
#39
Methylvlcyclohexane
Concen: 47.993 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	272838		
55	64.4		54.9	82.3
98	49.8		41.0	61.4

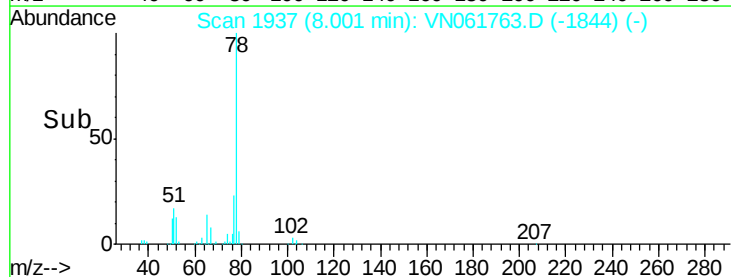
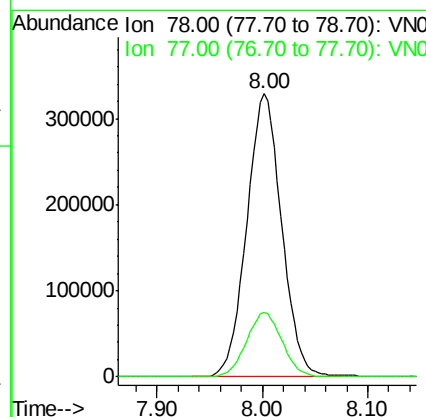
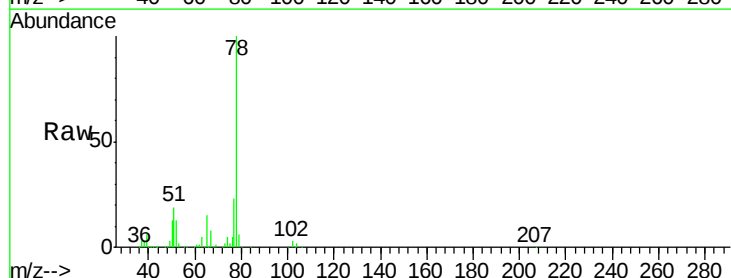
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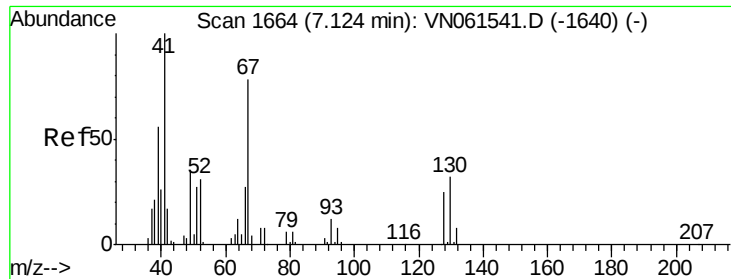
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#40
Benzene
Concen: 53.211 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	757248		
77	22.8		18.6	28.0





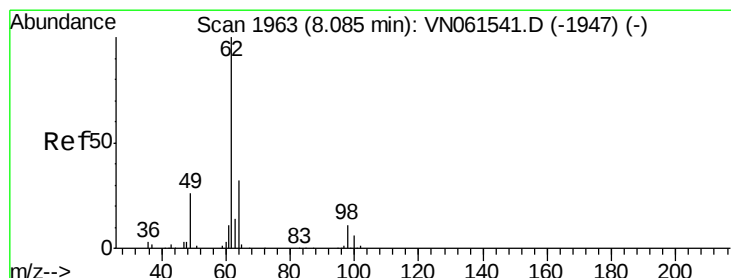
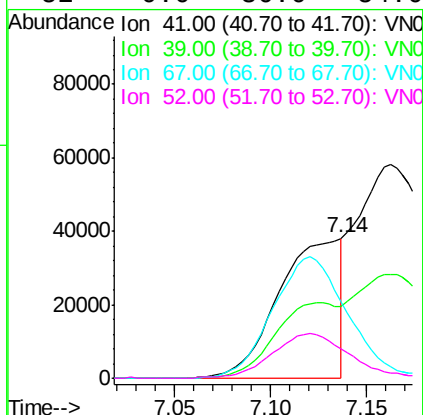
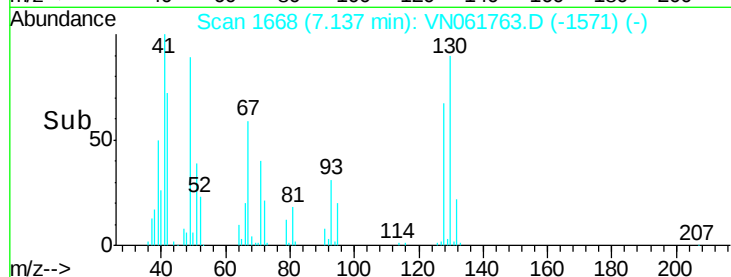
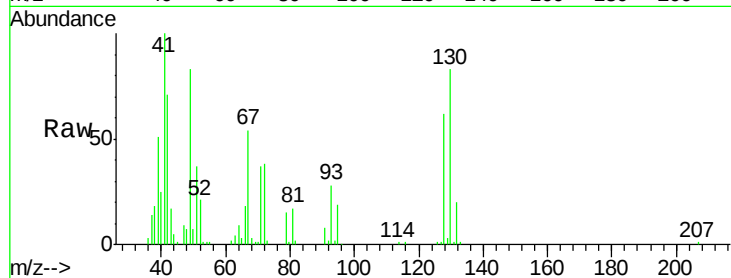
#41
Methacrylonitrile
Concen: 50.503 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#

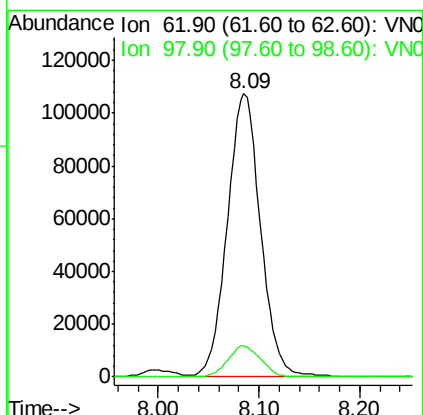
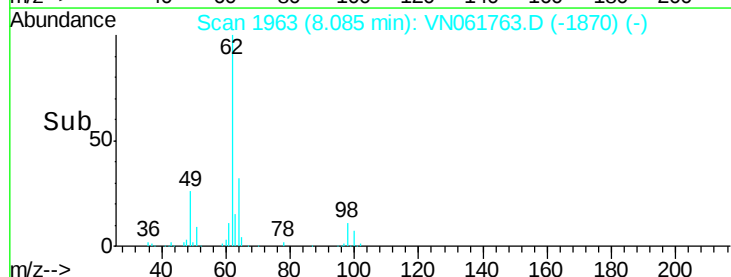
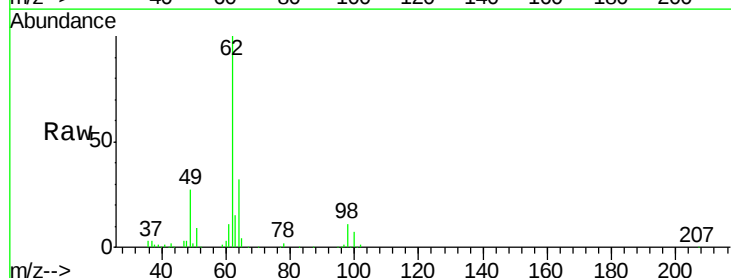
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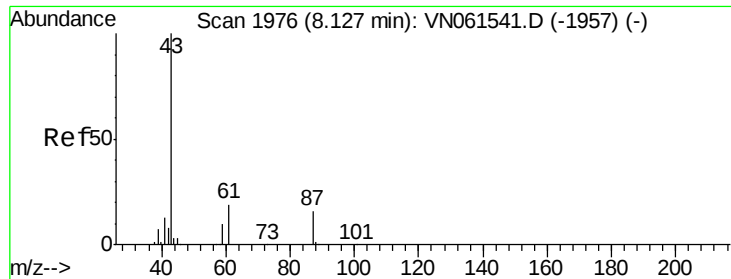
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#42
1,2-Dichloroethane
Concen: 51.446 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.4





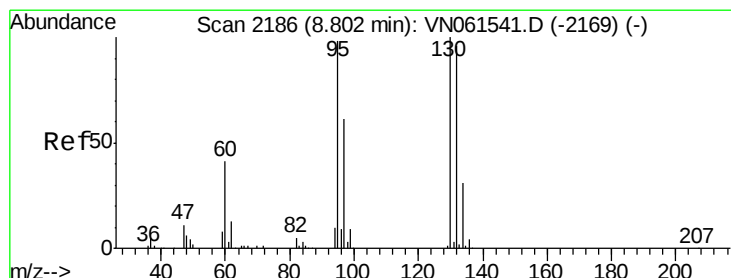
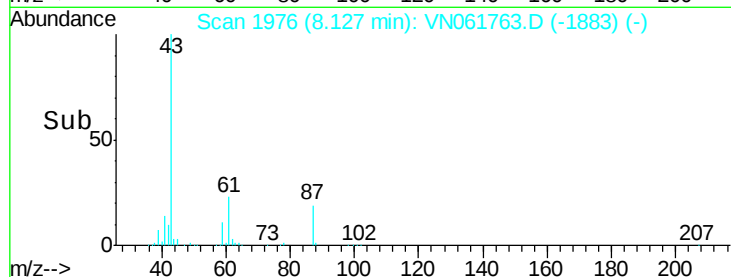
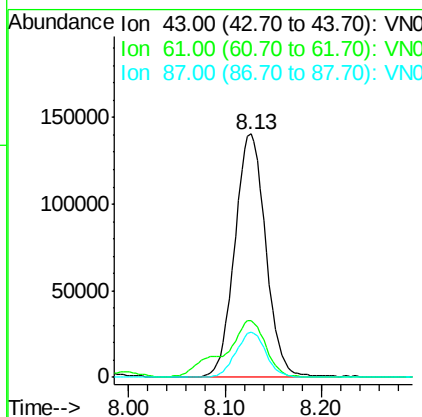
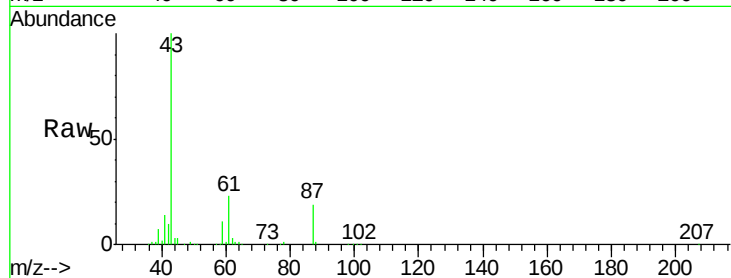
#43
Isopropyl Acetate
Concen: 46.663 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.0	23.6	35.4
87	18.2	13.0	19.6

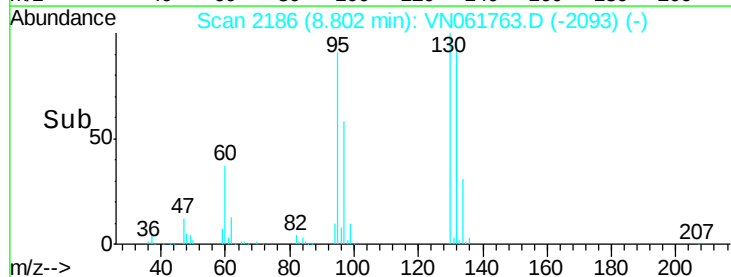
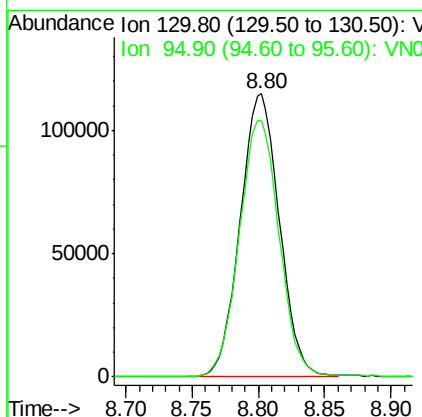
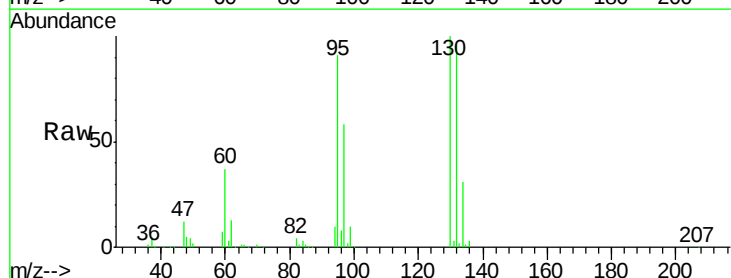
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#44
Trichloroethene
Concen: 54.008 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	196.6





#45

1,2-Dichloropropane

Concen: 53.832 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 181910

Ion Ratio Lower Upper

63 100

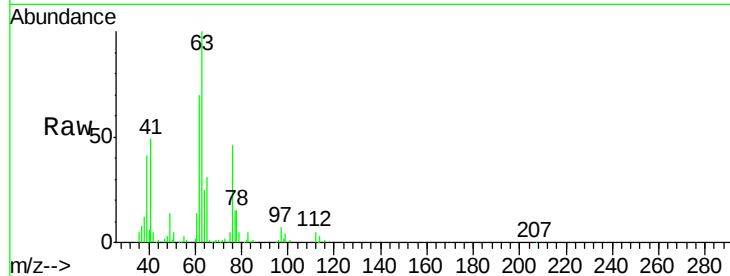
65 30.8 24.7 37.1

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.09

80000

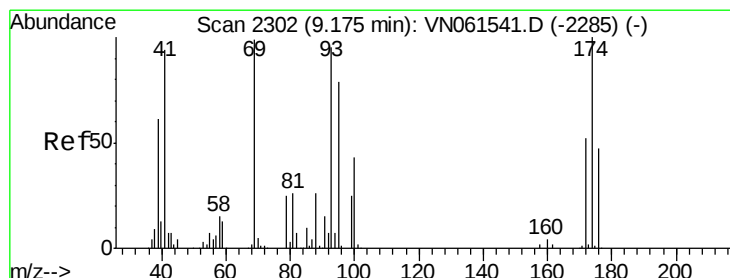
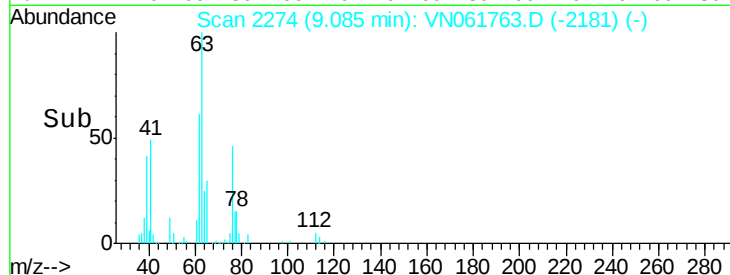
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 52.959 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

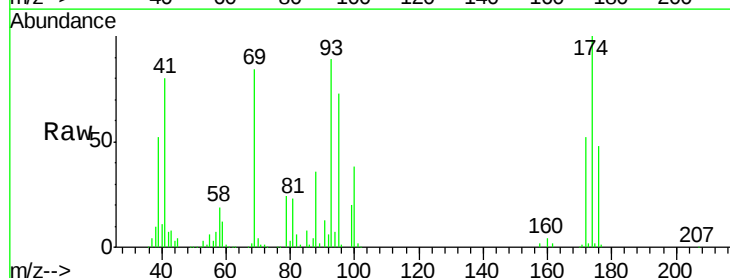
Tgt Ion: 93 Resp: 137252

Ion Ratio Lower Upper

93 100

95 82.0 66.0 99.0

174 111.0 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.18

80000

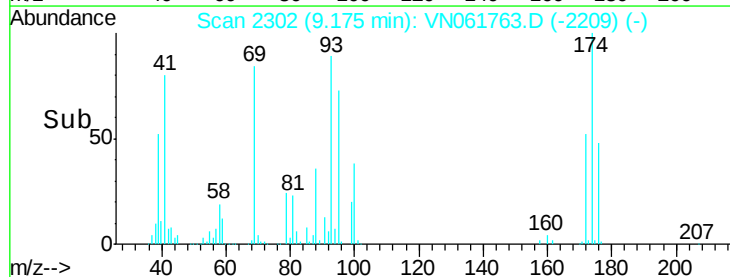
60000

40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 54.211 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

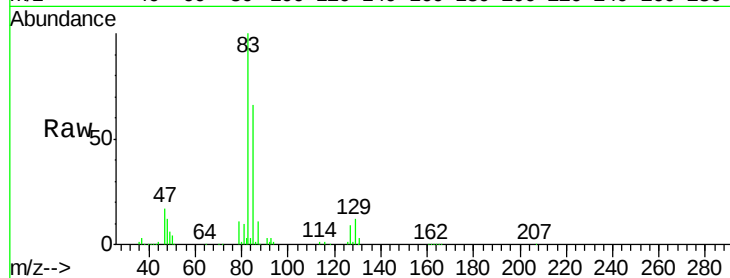
ClientSampleId :

VSTDCCC050EC

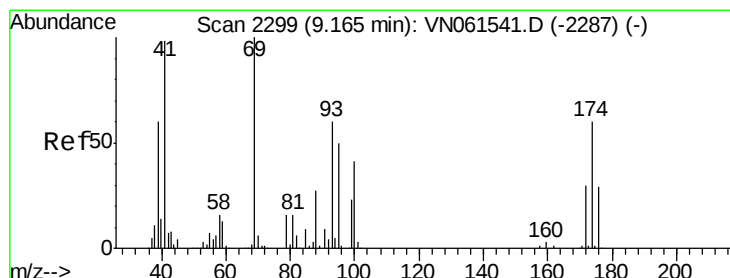
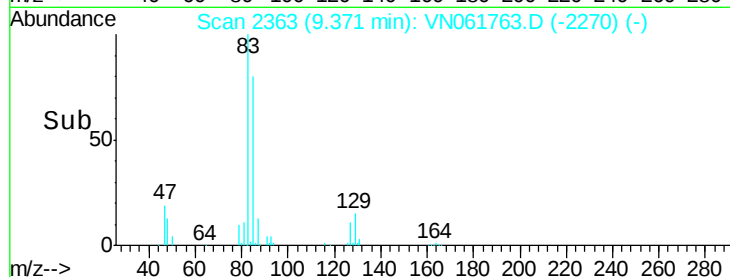
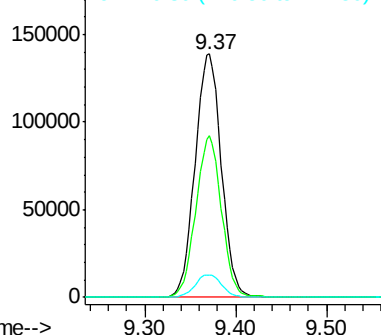
Tot Ion:	83	Resp:	278356
Ion Ratio	Lower	Upper	
83	100		
85	66.4	51.1	76.7
127	9.3	7.2	10.8

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Abundance Ion 82.90 (82.60 to 83.60): VN061763.D (-2270) (-)



#48

Methyl methacrylate

Concen: 45.862 ug/l

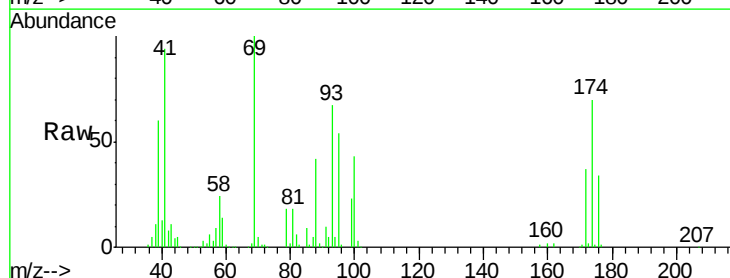
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

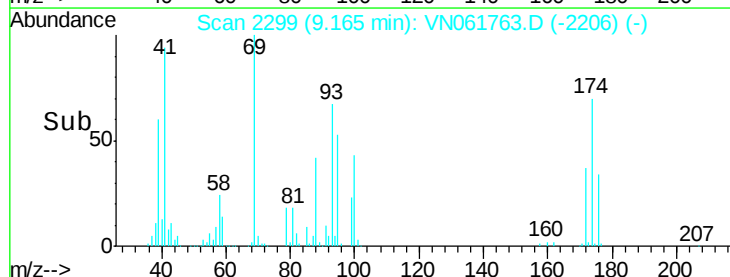
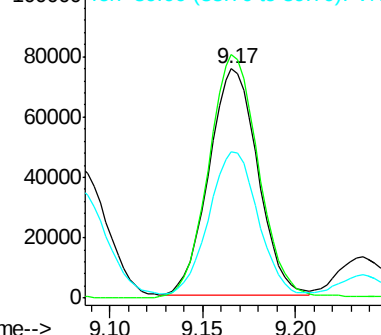
Lab File: VN061763.D

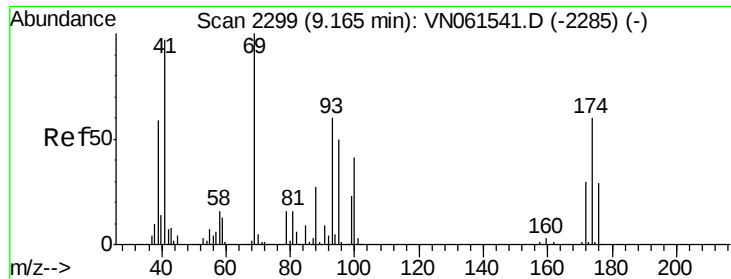
Acq: 11 Jun 2020 21:31

Tgt Ion:	41	Resp:	137906
Ion Ratio	Lower	Upper	
41	100		
69	110.9	83.9	125.9
39	66.5	52.1	78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061763.D (-2206) (-)





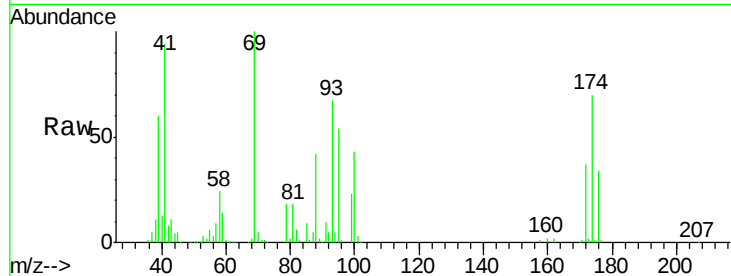
#49
1,4-Dioxane
Concen: 1539.057 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

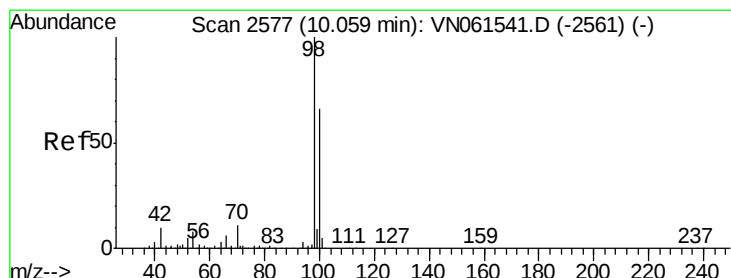
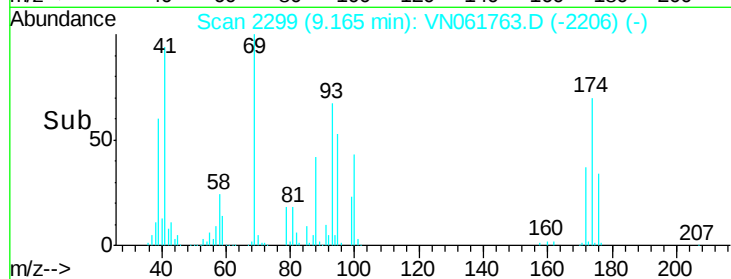
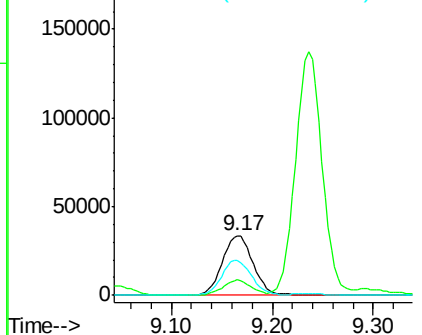
Tot Ion: 88 Resp: 71695
Ion Ratio Lower Upper
88 100
43 22.4 23.1 34.7#
58 57.1 48.3 72.5

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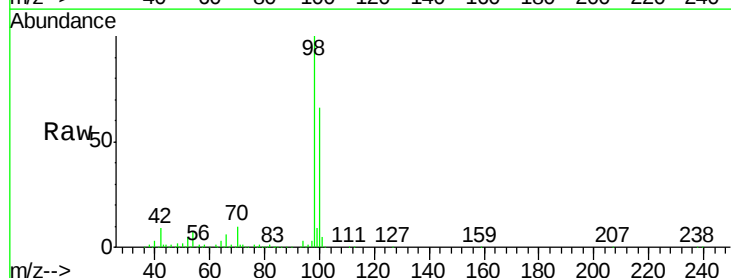


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

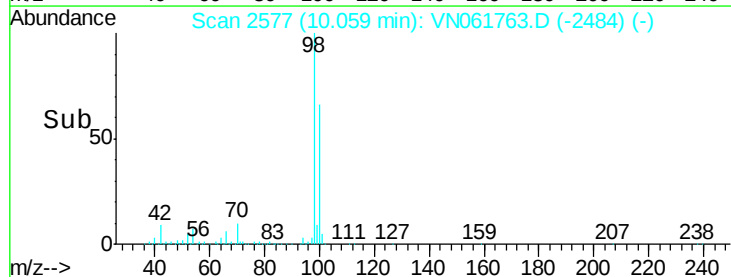
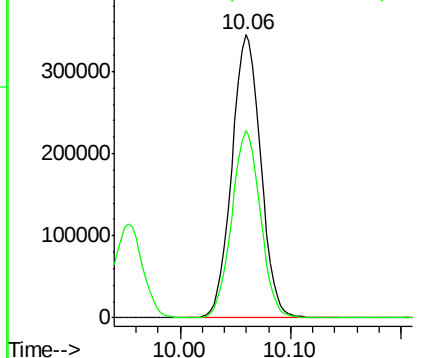


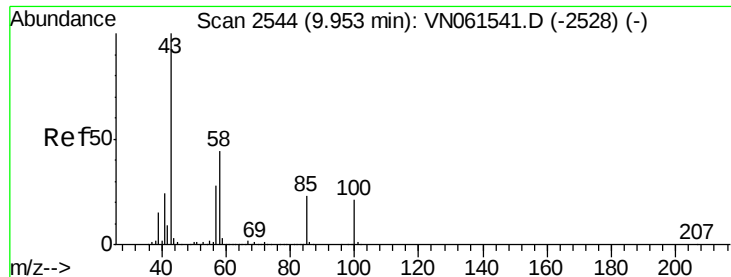
#50
Toluene-d8
Concen: 51.151 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 98 Resp: 626493
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 245.850 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 925952

Ion Ratio Lower Upper

43 100

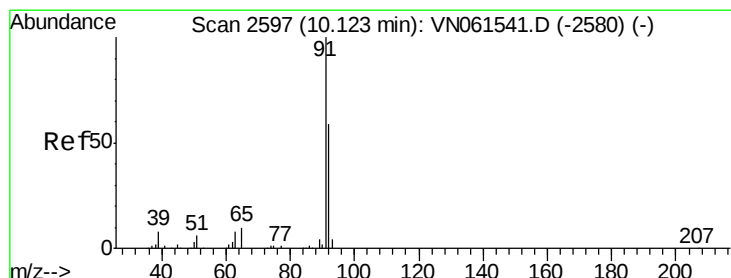
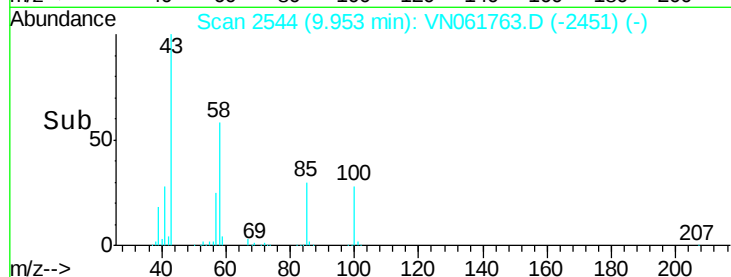
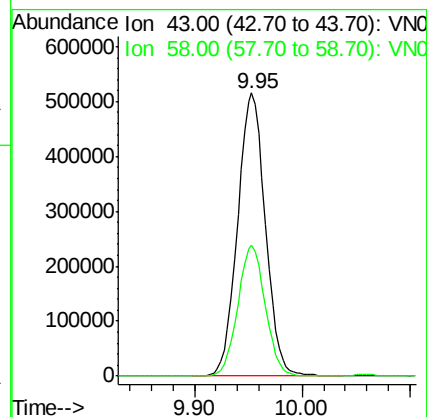
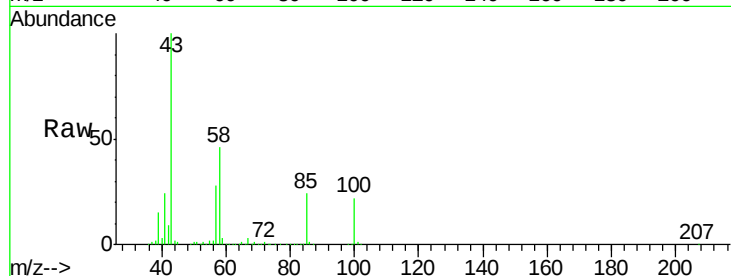
58 45.7 35.0 52.6

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#52

Toluene

Concen: 54.268 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061763.D

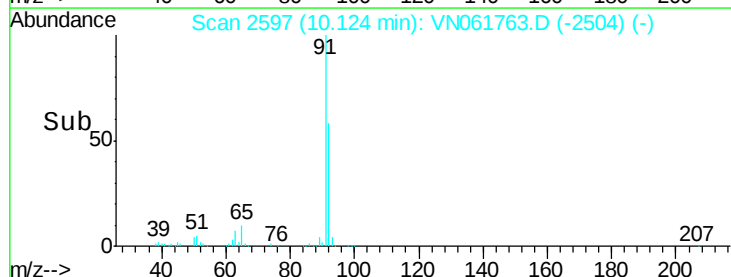
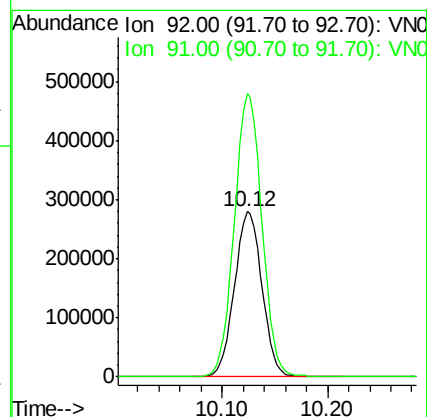
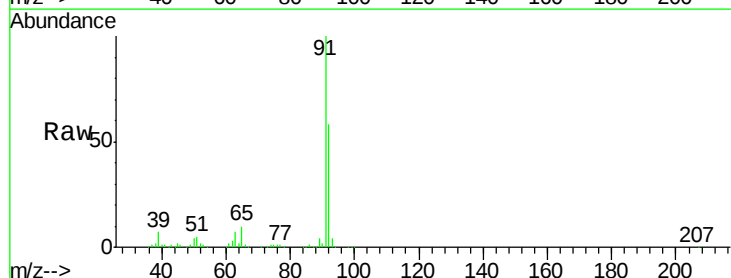
Acq: 11 Jun 2020 21:31

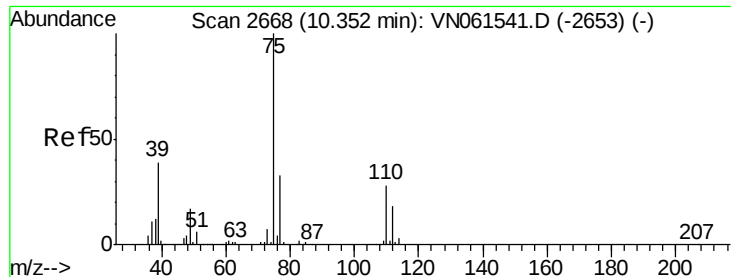
Tgt Ion: 92 Resp: 504066

Ion Ratio Lower Upper

92 100

91 172.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 52.489 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 290338

Ion Ratio Lower Upper

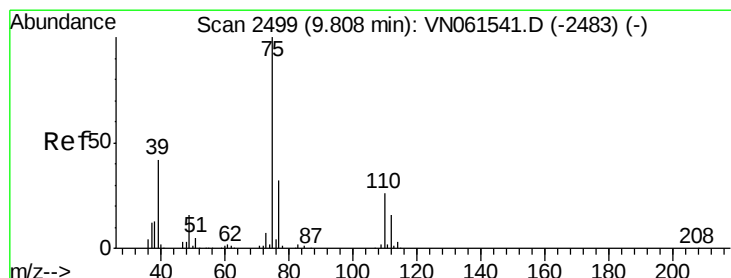
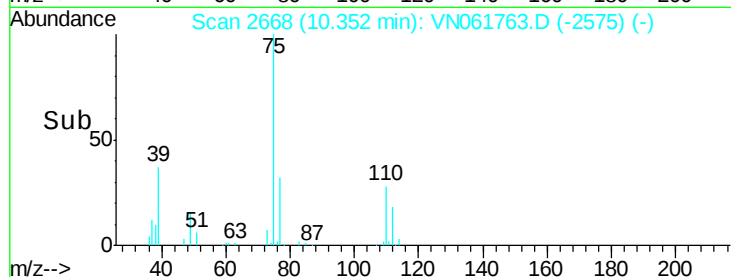
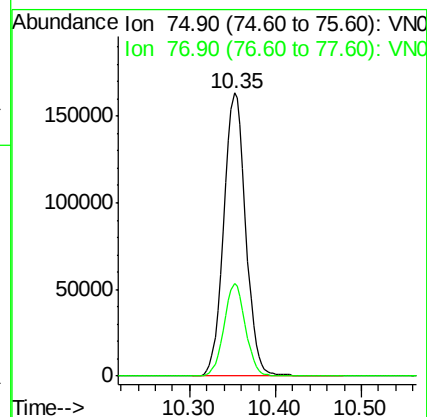
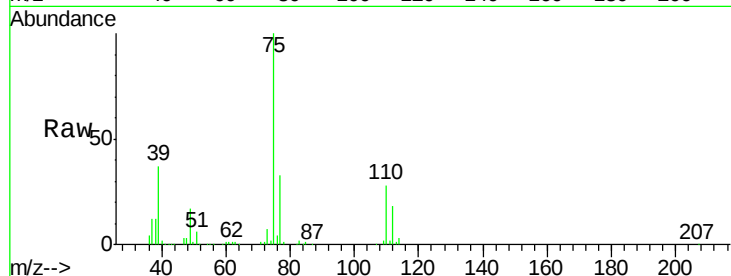
75 100

77 32.6 26.2 39.4

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#54

cis-1,3-Dichloropropene

Concen: 52.224 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

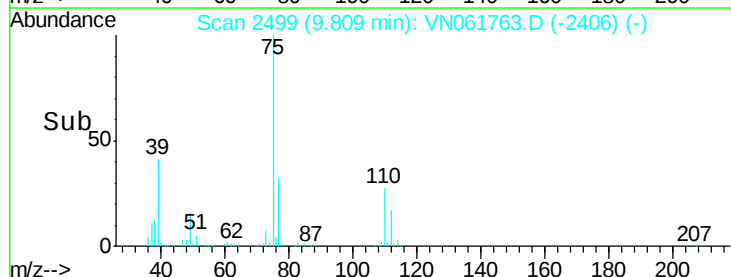
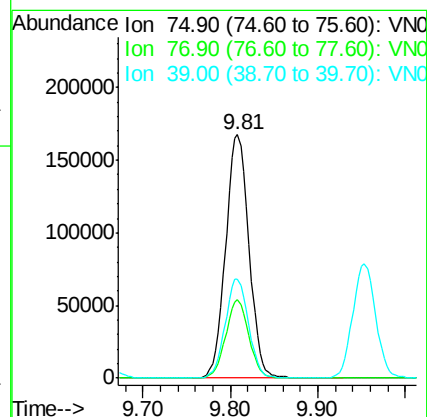
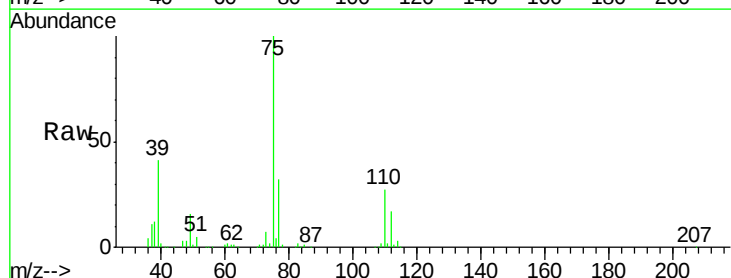
Tgt Ion: 75 Resp: 310603

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

39 40.6 33.8 50.6





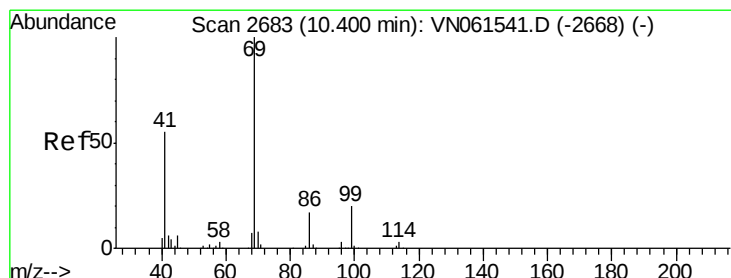
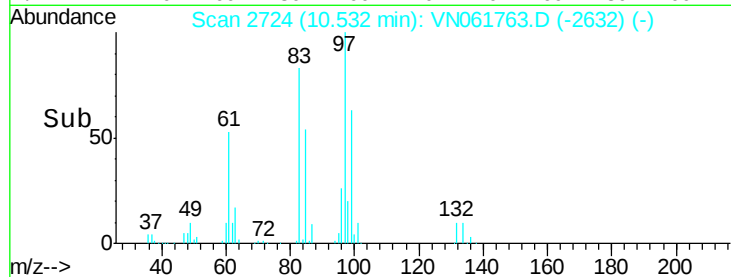
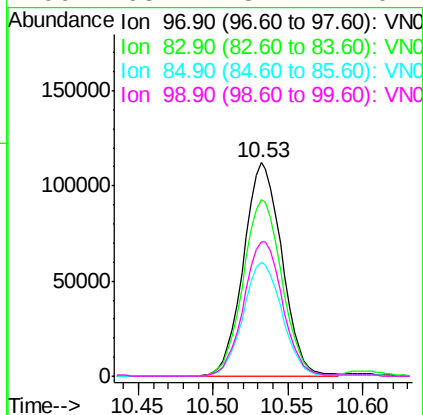
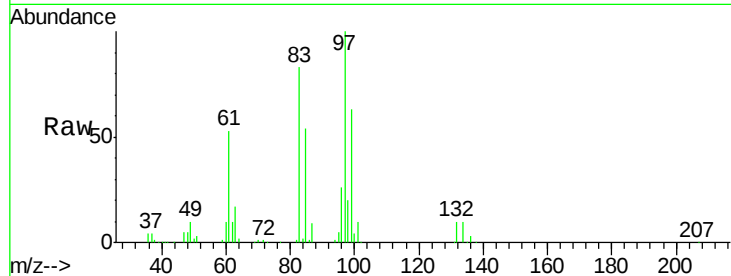
#55
 1,1,2-Trichloroethane
 Concen: 54.161 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	200424
Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.1	102.1
85	53.5	44.1	66.1
99	63.1	51.1	76.7

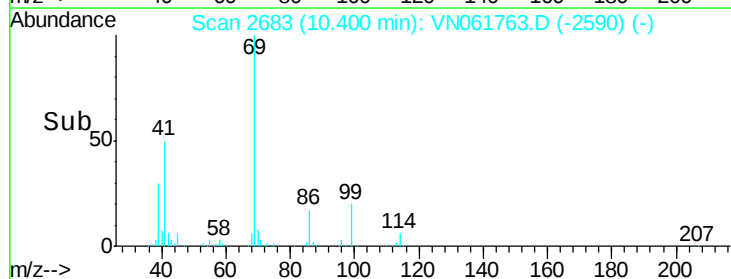
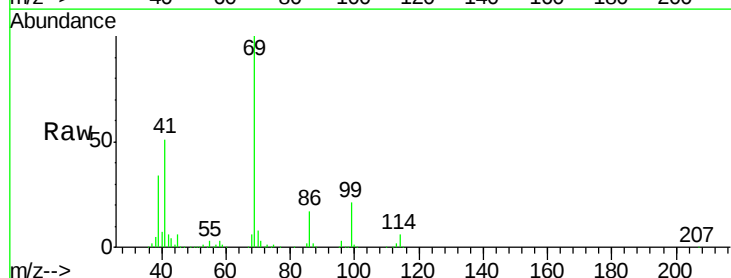
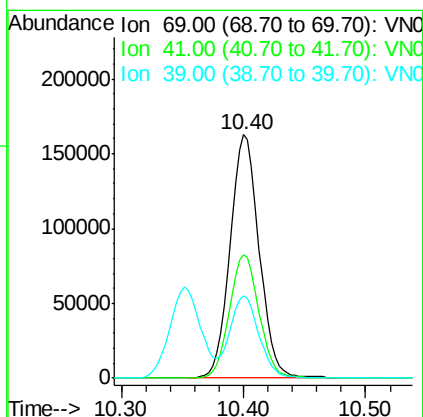
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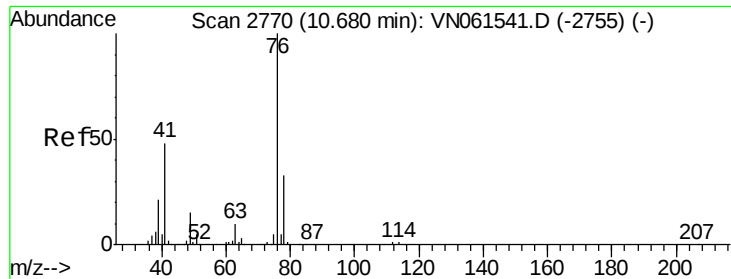
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#56
 Ethyl methacrylate
 Concen: 52.249 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion:	69	Resp:	270093
Ion	Ratio	Lower	Upper
69	100		
41	51.0	43.5	65.3
39	33.7	27.0	40.6





#57

1,3-Dichloropropane

Concen: 54.017 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 319703

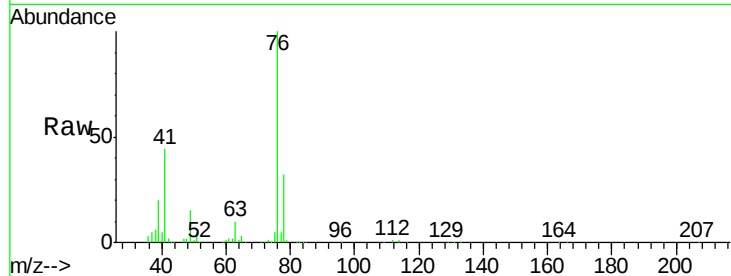
Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5

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Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061541.D (-2755) (-)

10.68

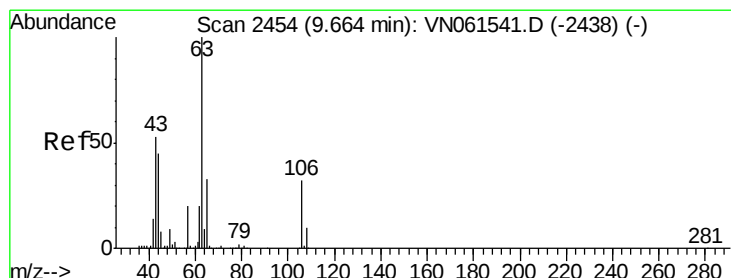
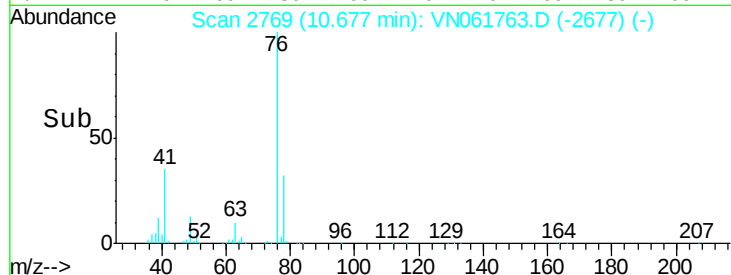
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.610 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061763.D

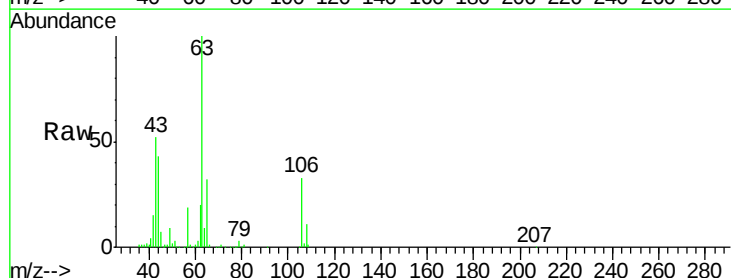
Acq: 11 Jun 2020 21:31

Tgt Ion: 63 Resp: 493974

Ion Ratio Lower Upper

63 100

106 32.9 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2438) (-)

Ion 105.90 (105.60 to 106.60): VN061541.D (-2438) (-)

9.66

300000

250000

200000

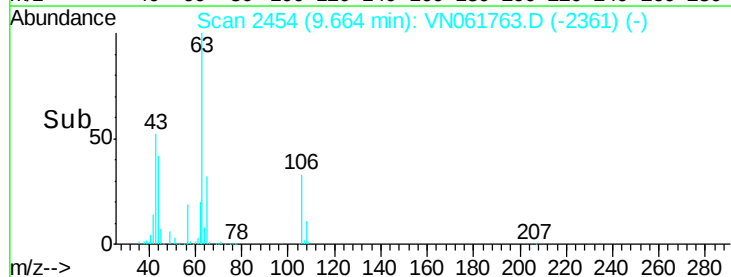
150000

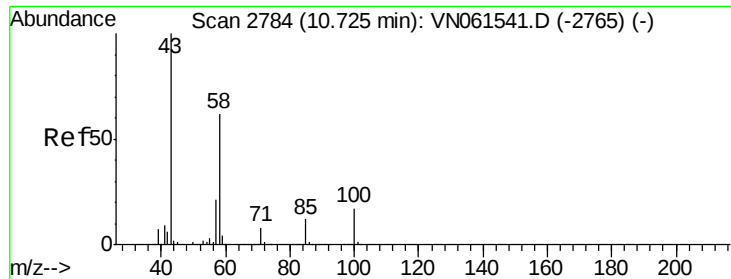
100000

50000

0

Time-->





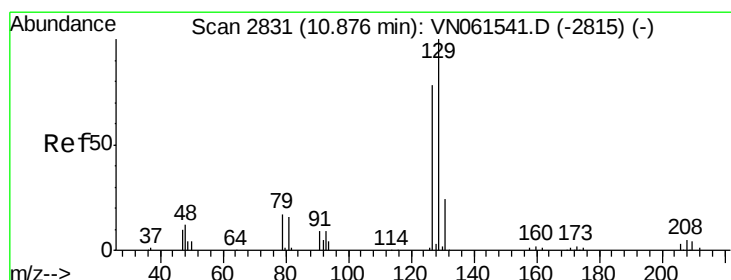
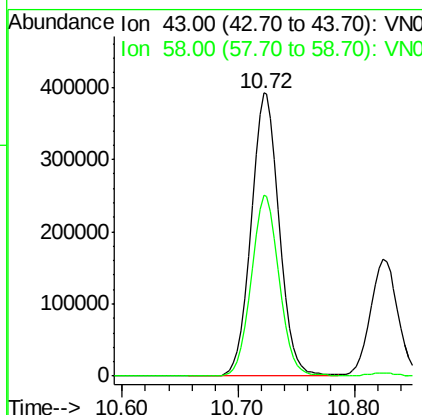
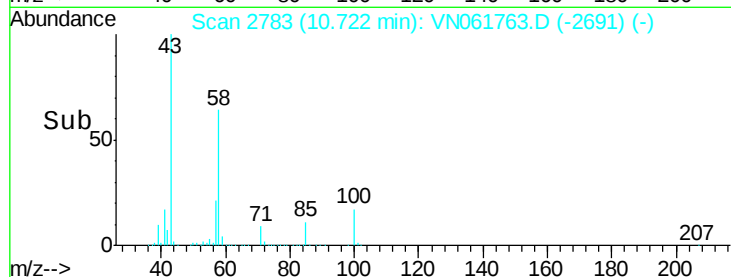
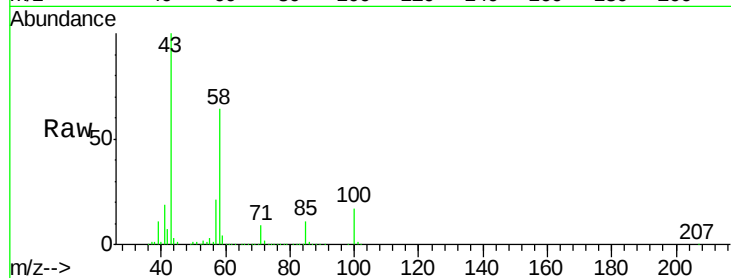
#59
2-Hexanone
Concen: 245.526 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 664117
Ion Ratio Lower Upper
43 100
58 63.6 30.7 92.1

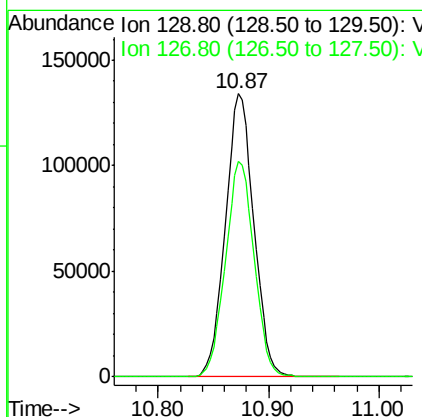
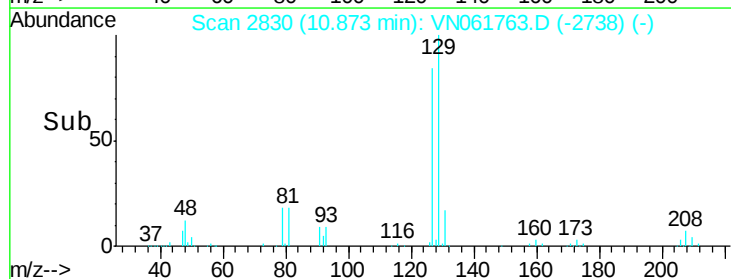
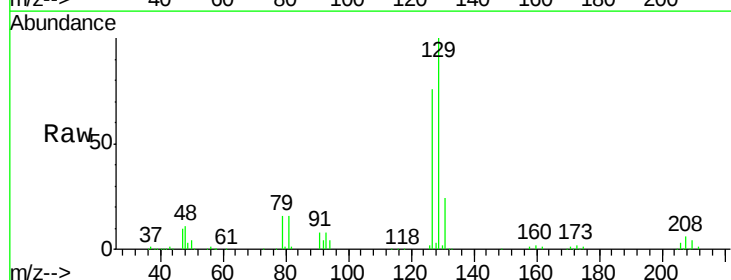
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#60
Dibromochloromethane
Concen: 56.989 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 129 Resp: 239754
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





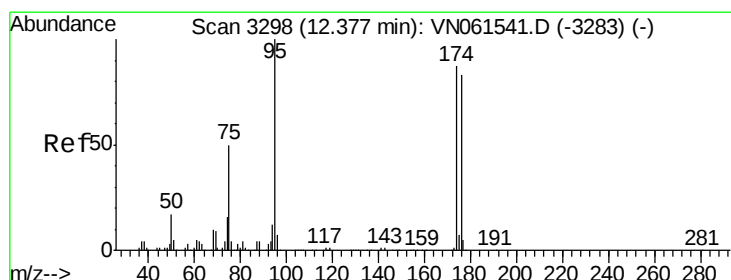
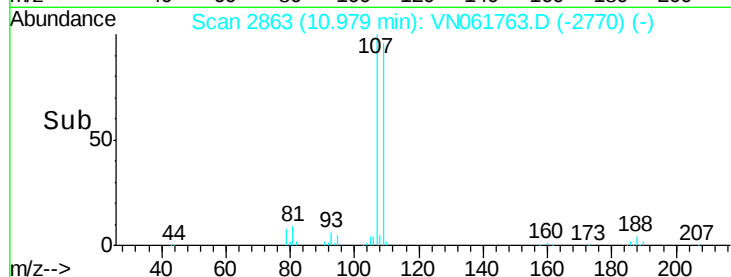
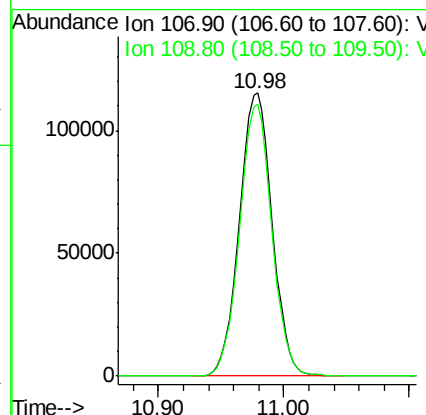
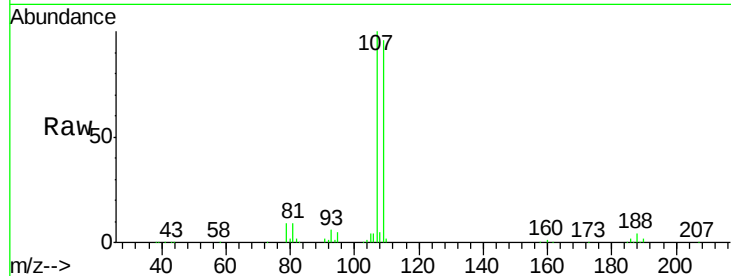
#61
 1,2-Dibromoethane
 Concen: 54.294 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.1	114.1

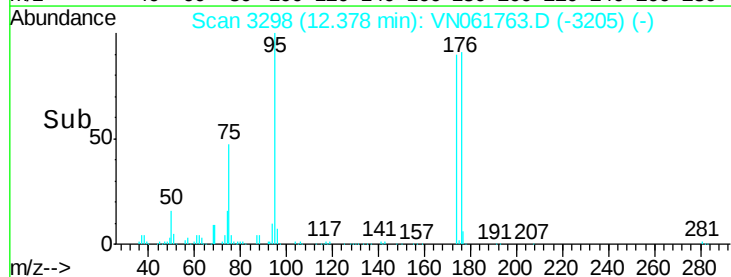
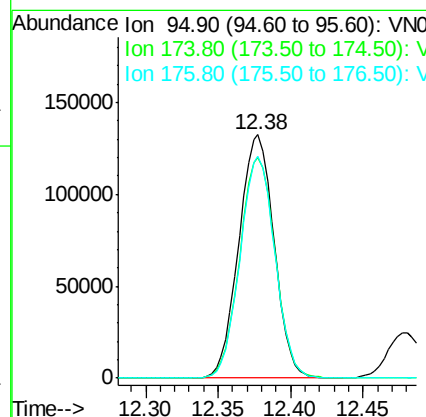
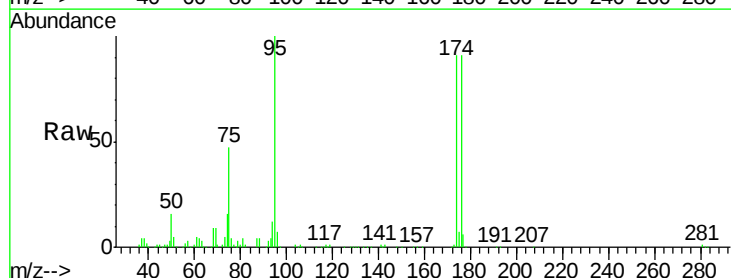
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 50.158 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	172.8
176	90.0	0.0	164.8





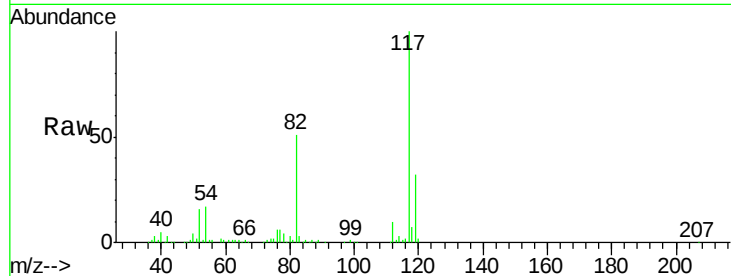
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	499102		
82	51.1	41.5	62.3	
119	32.4	25.6	38.4	

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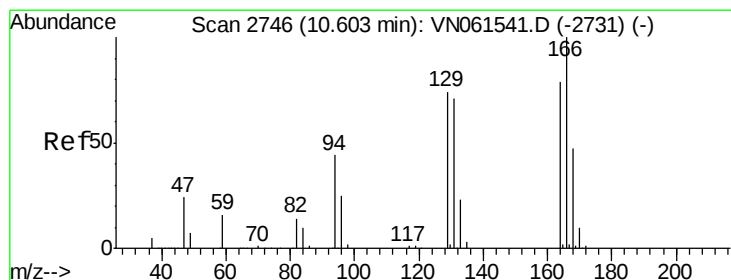
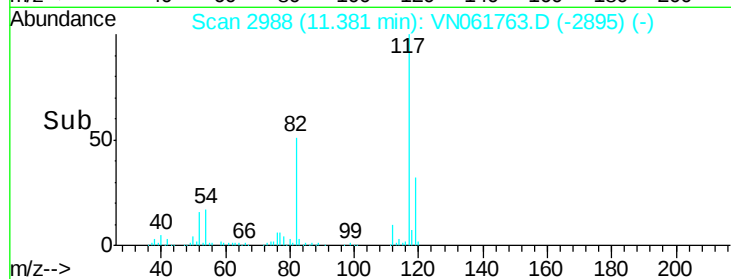
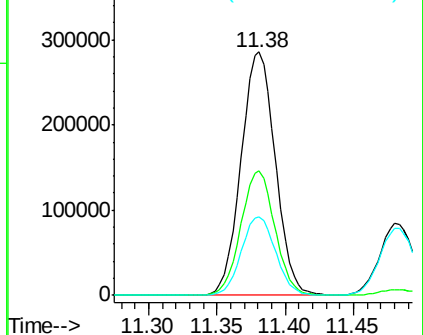


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 54.323 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	255218		
166	126.0	101.5	152.3	
129	90.3	74.9	112.3	
131	85.1	72.2	108.2	

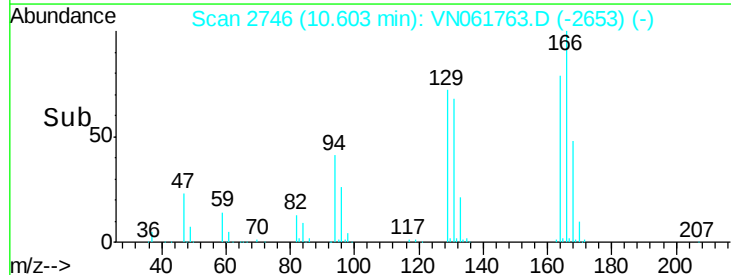
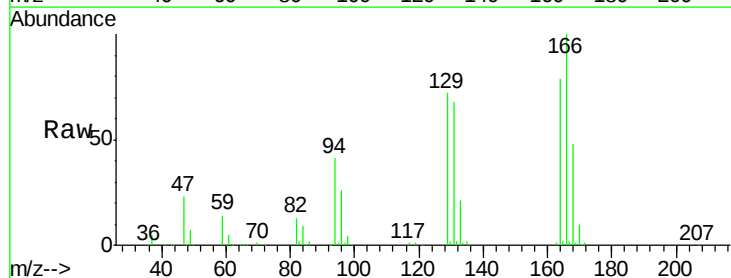
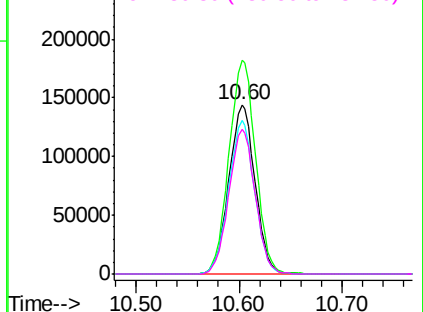
Abundance

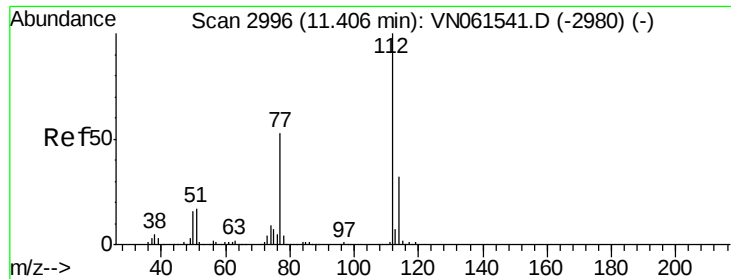
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





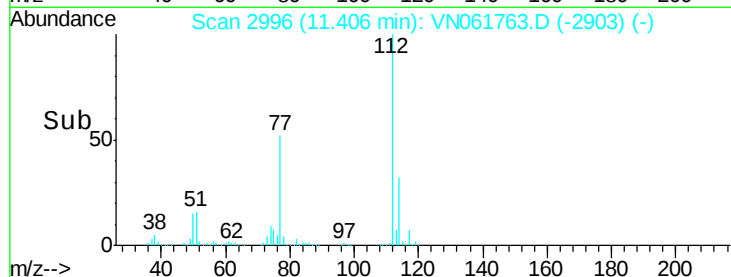
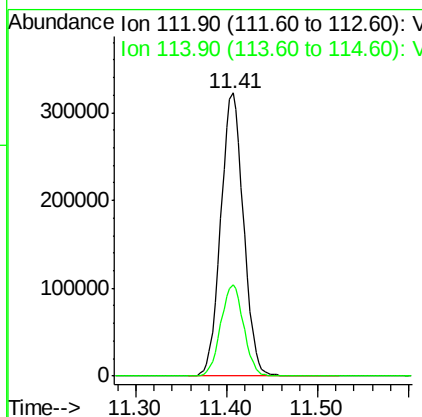
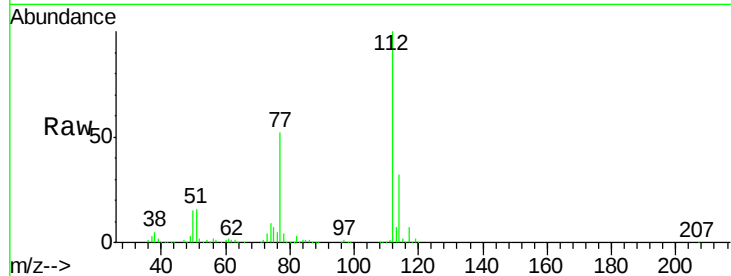
#65
Chlorobenzene
Concen: 53.959 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

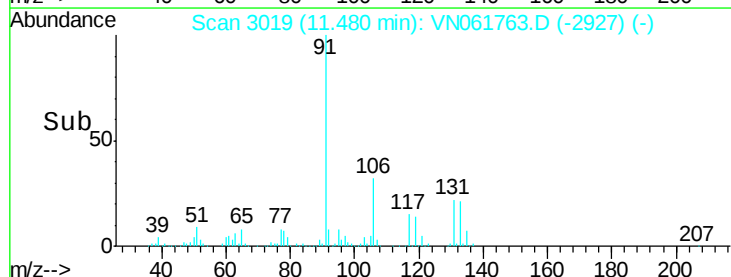
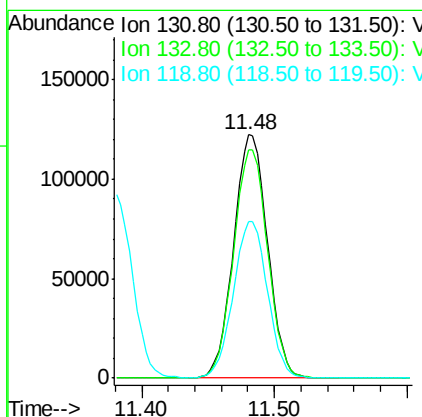
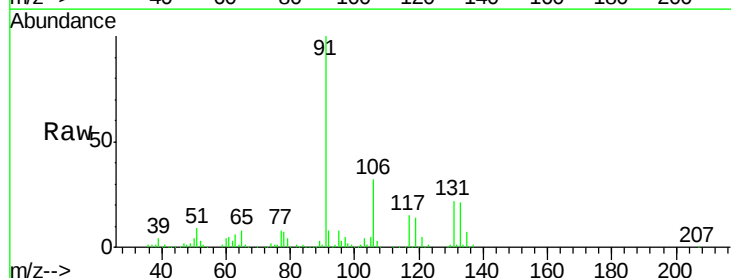
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.134 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.4	142.2
119	64.8	32.6	97.8





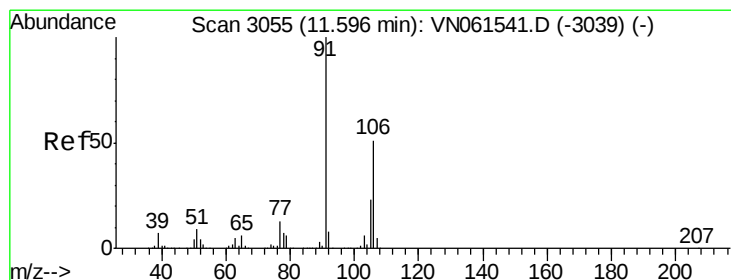
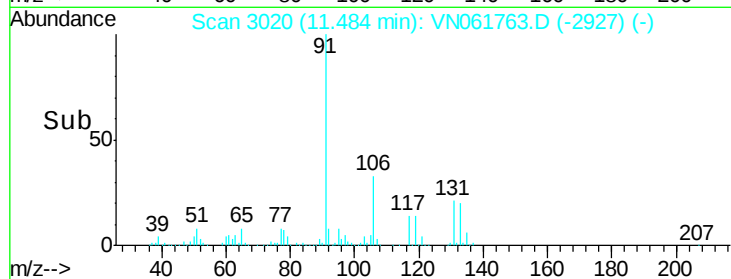
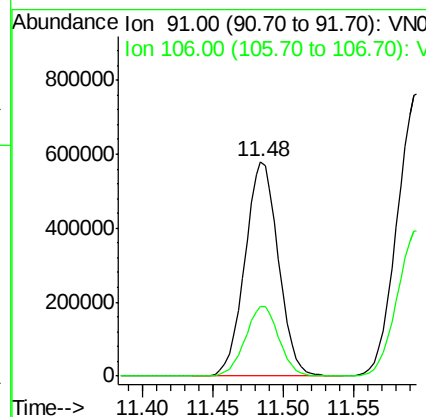
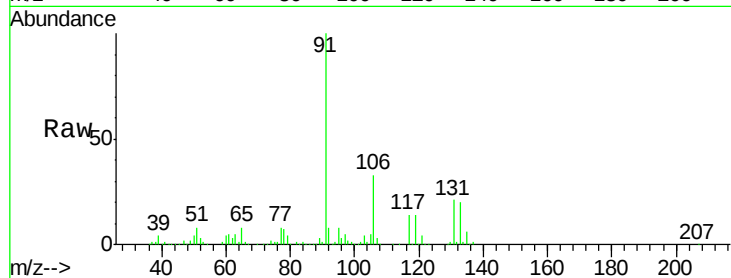
#67
Ethyl Benzene
Concen: 53.729 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 963418
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4

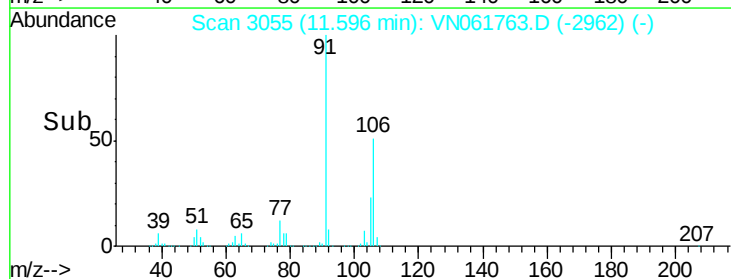
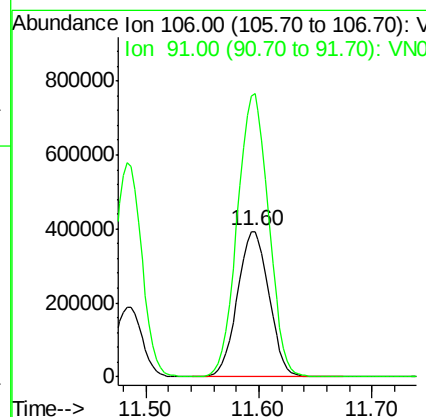
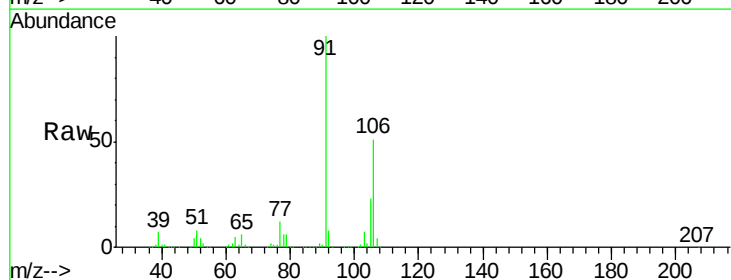
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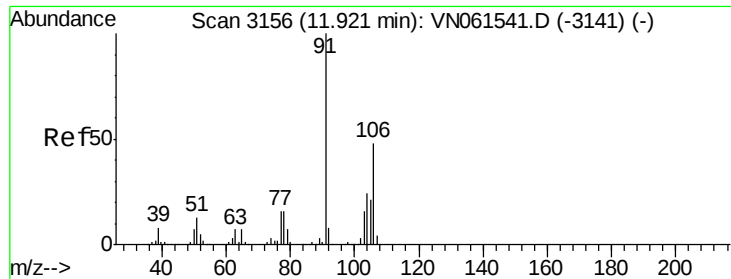
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#68
m/p-Xylenes
Concen: 107.247 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 106 Resp: 762502
Ion Ratio Lower Upper
106 100
91 193.9 156.2 234.4





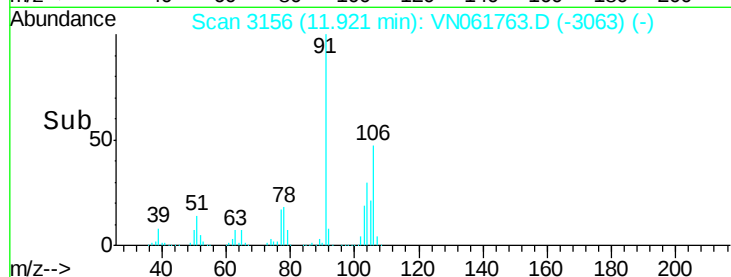
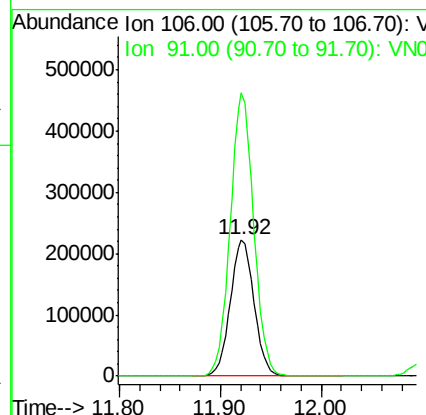
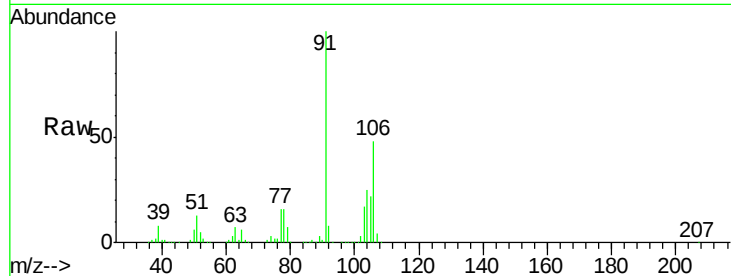
#69
o-Xylene
Concen: 54.217 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	205.3	103.3	366122	309.8	

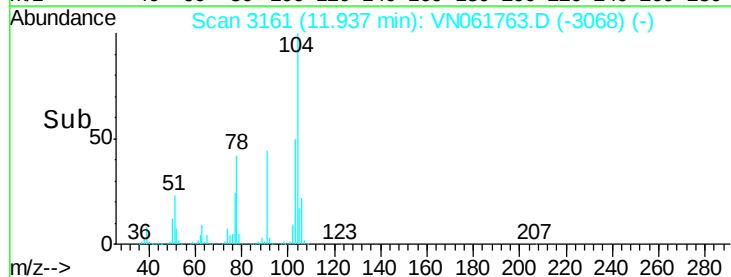
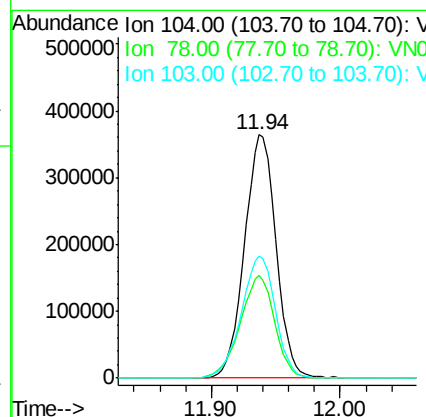
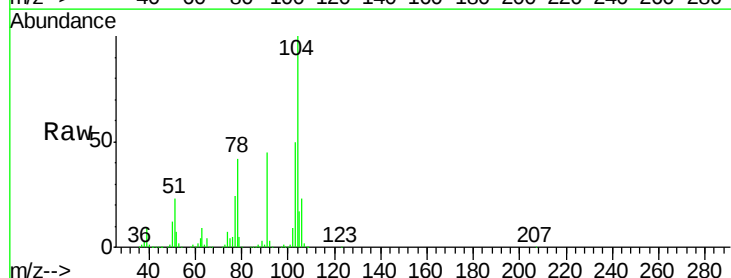
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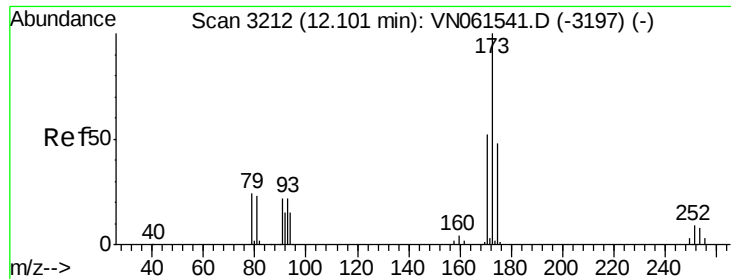
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#70
Styrene
Concen: 55.437 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	45.9	37.4	619949	56.0	
103	54.3	42.3		63.5	





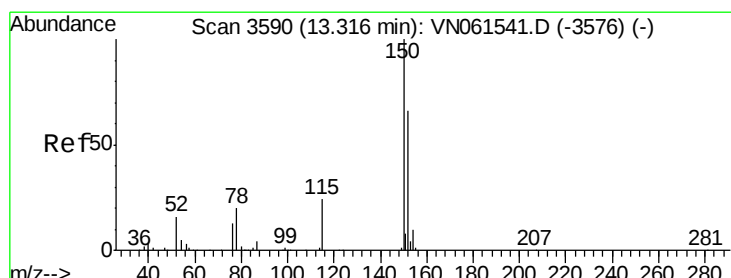
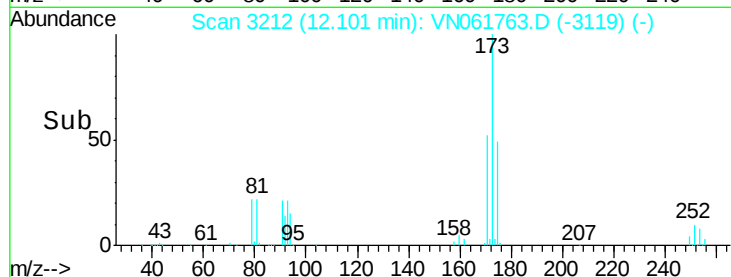
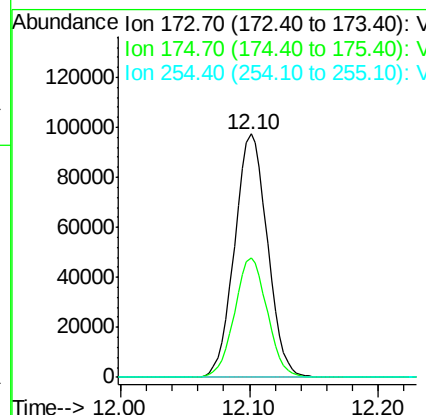
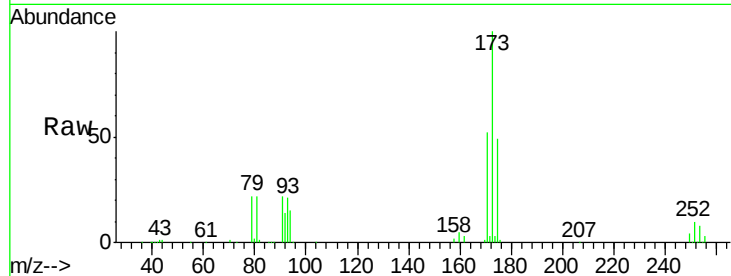
#71
Bromoform
Concen: 57.896 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.4	73.2
254	0.1	0.0	0.0

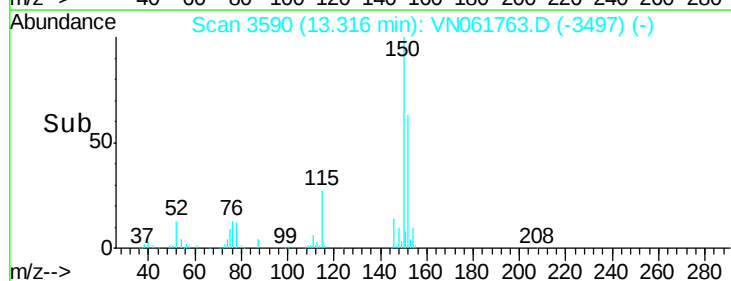
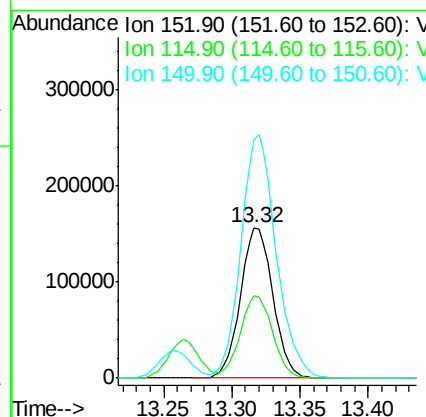
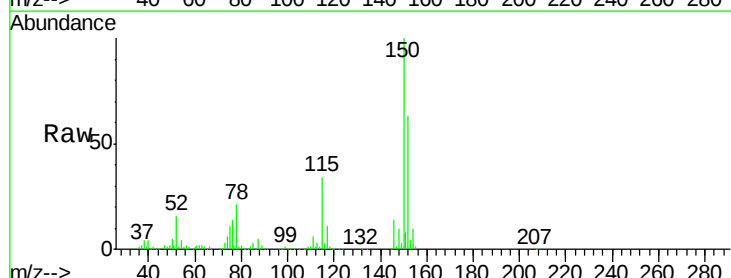
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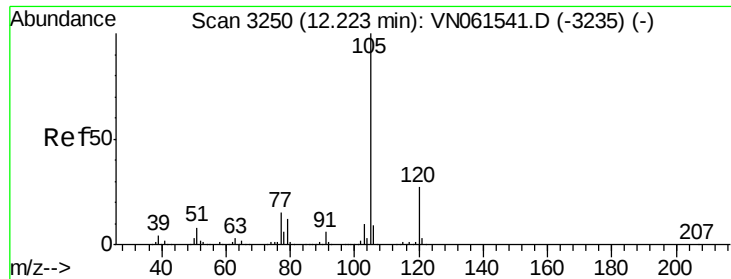
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.0	84.0
150	175.2	0.0	344.0





#73

Isopropylbenzene

Concen: 51.610 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 972097

Ion Ratio Lower Upper

105 100

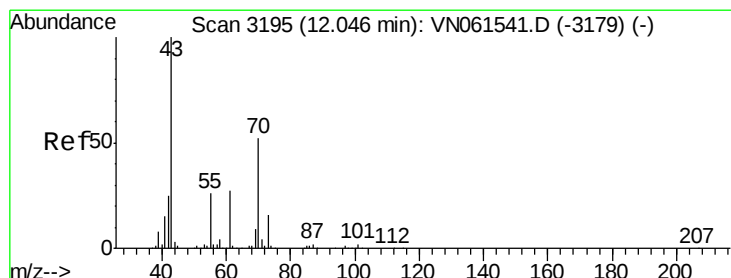
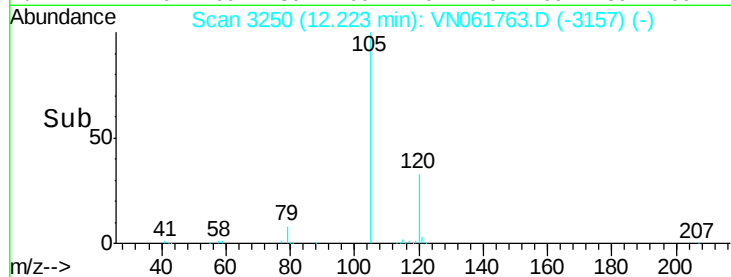
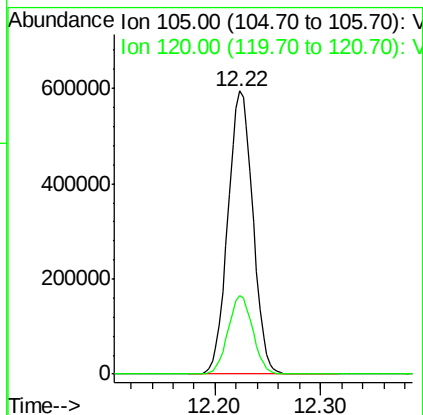
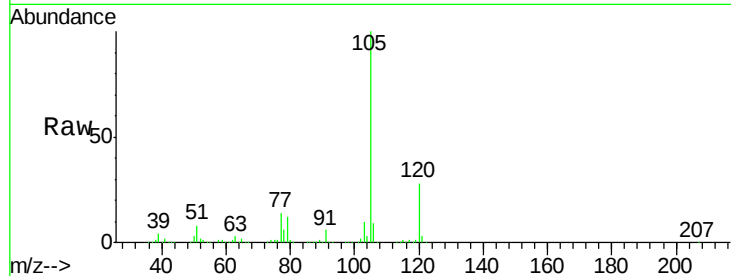
120 27.3 13.8 41.3

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#74

N-ethyl acetate

Concen: 45.681 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Tgt Ion: 43 Resp: 270967

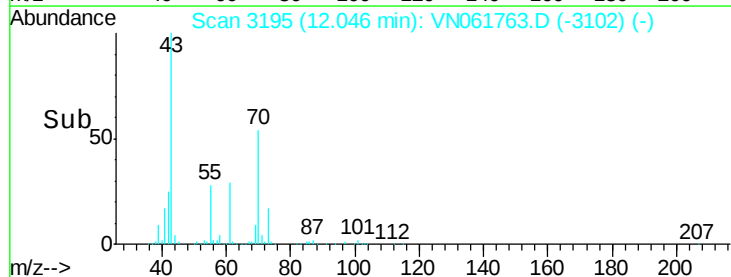
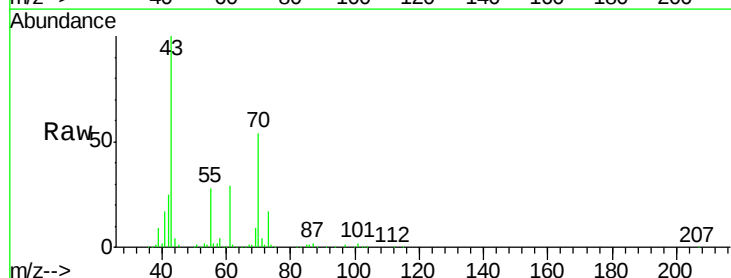
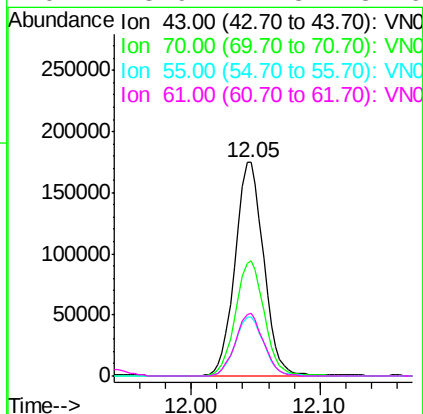
Ion Ratio Lower Upper

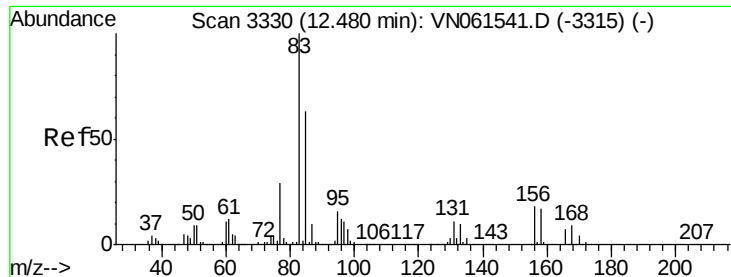
43 100

70 54.0 40.5 60.7

55 28.2 20.6 31.0

61 28.9 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.479 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

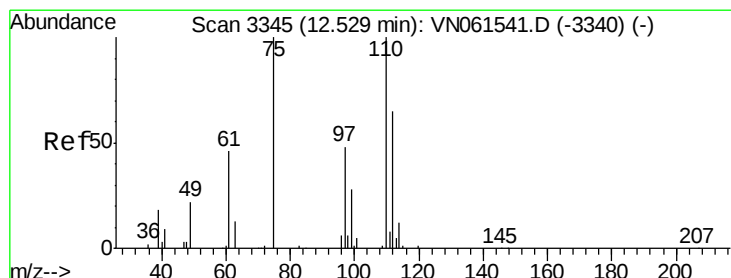
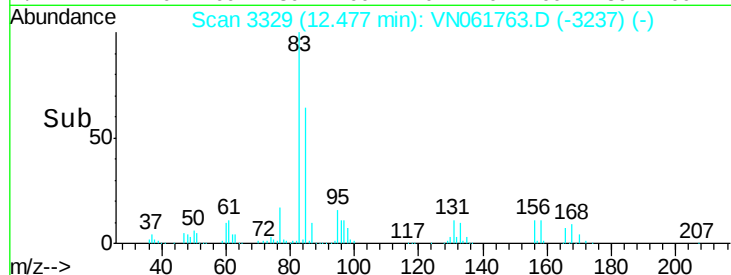
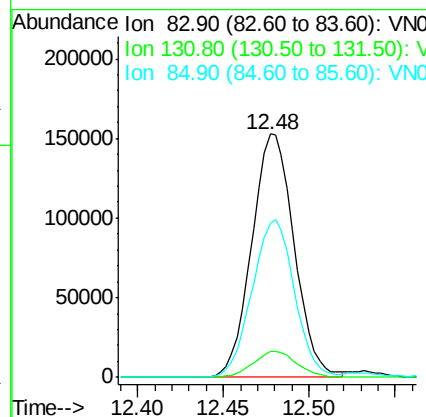
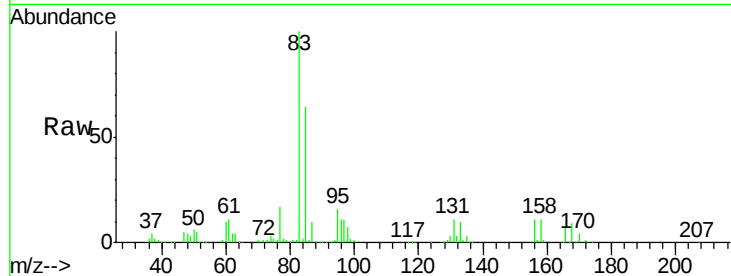
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	261166
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.5
85	64.5	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 51.974 ug/l m

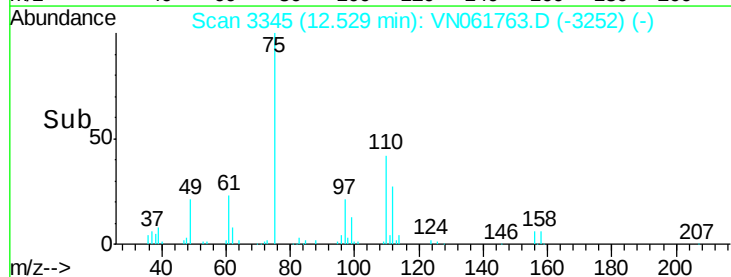
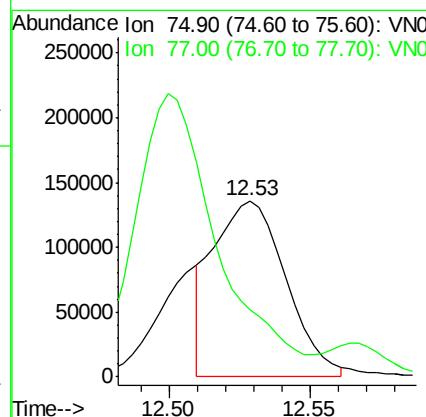
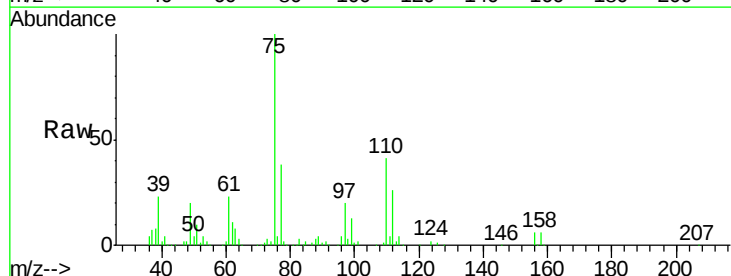
RT: 12.53 min Scan# 3345

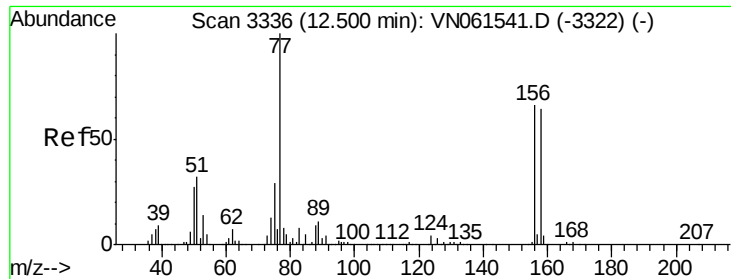
Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Tgt Ion:	75	Resp:	243892
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.397 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

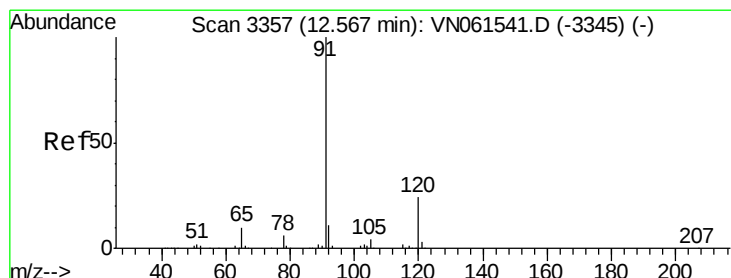
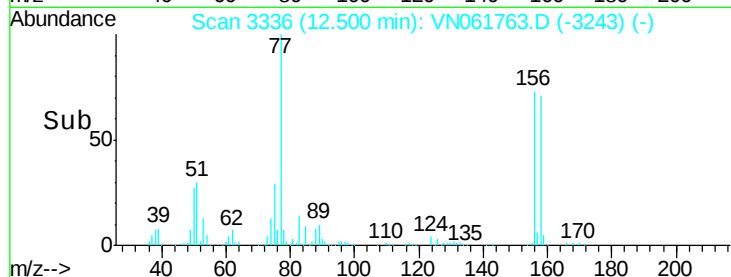
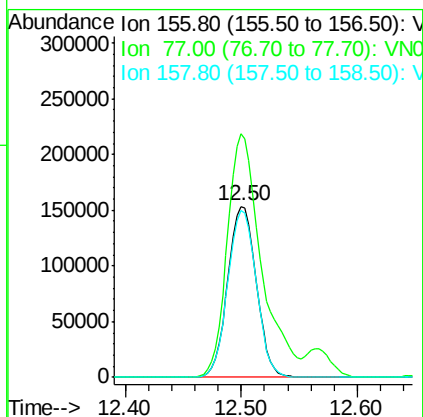
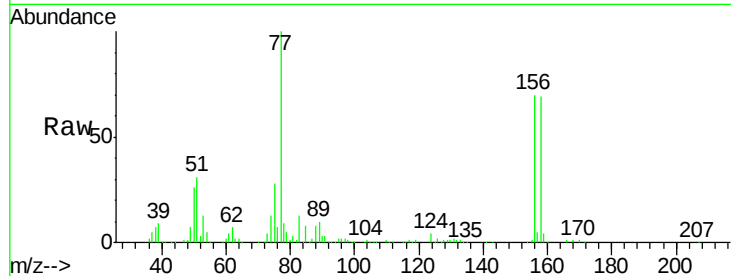
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	261536
Ion Ratio	Lower	Upper	
156	100		
77	170.8	90.9	272.7
158	97.8	48.4	145.3

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#78

n-propylbenzene

Concen: 51.665 ug/l

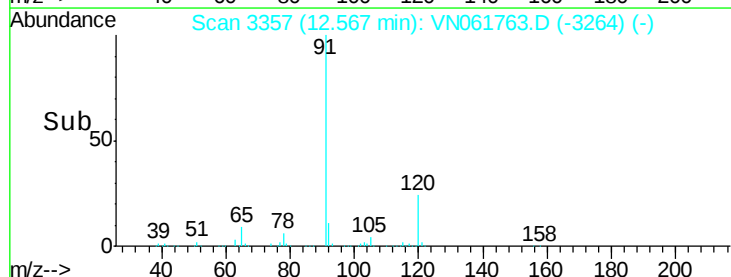
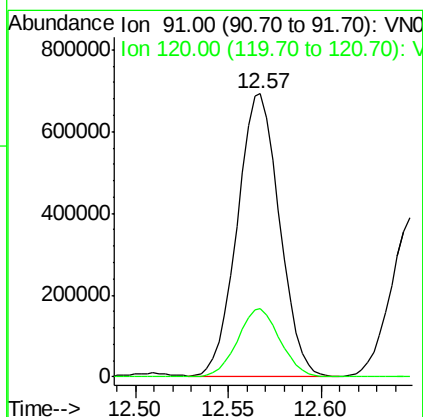
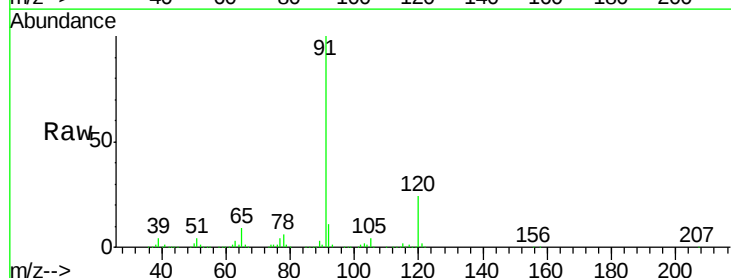
RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Tgt Ion:	91	Resp:	1086372
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.3	36.9





#79

2-Chlorotoluene

Concen: 50.458 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 632659

Ion Ratio Lower Upper

91 100

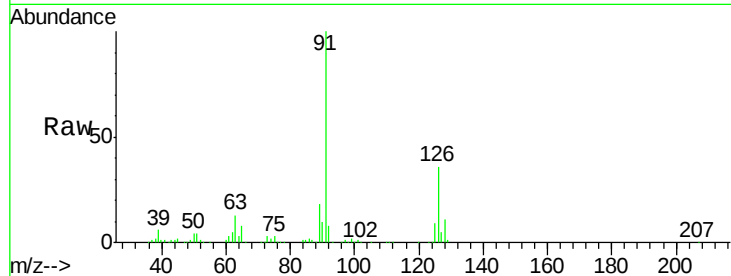
126 36.7 17.9 53.7

Manual Integrations

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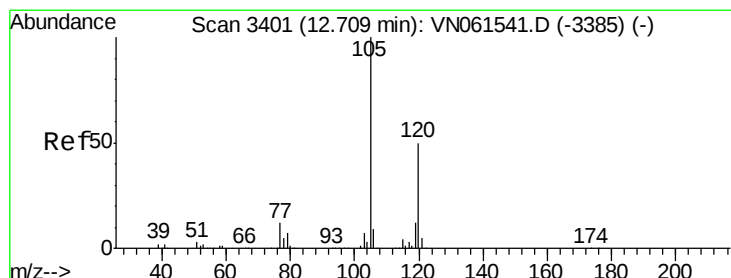
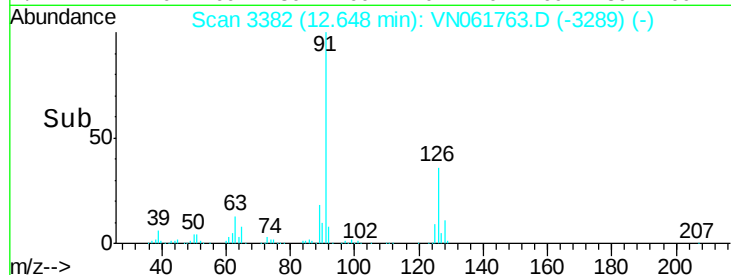
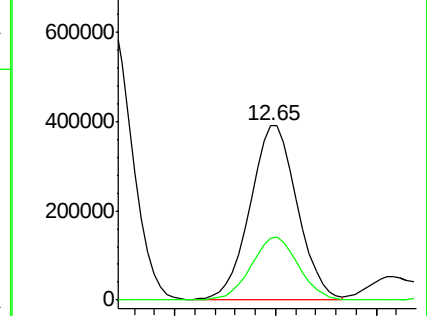
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Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.598 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061763.D

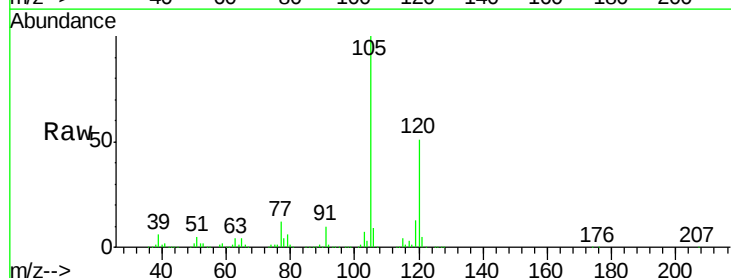
Acq: 11 Jun 2020 21:31

Tgt Ion: 105 Resp: 812295

Ion Ratio Lower Upper

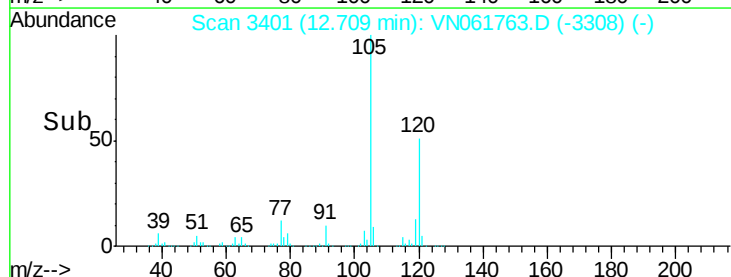
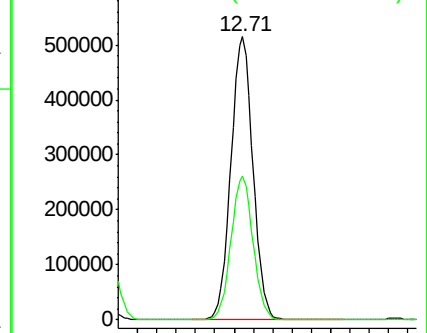
105 100

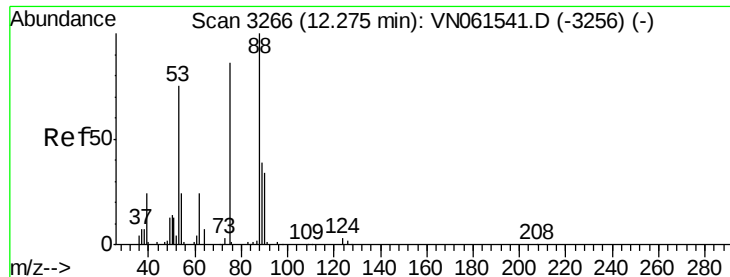
120 50.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.752 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 85790

Ion Ratio Lower Upper

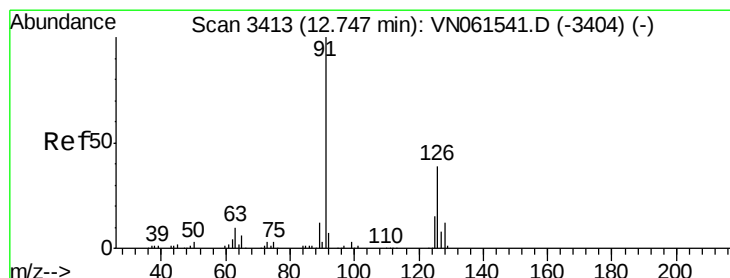
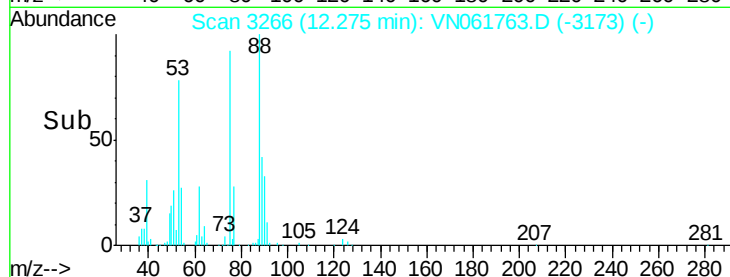
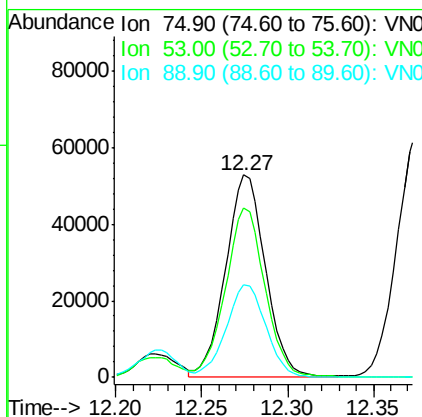
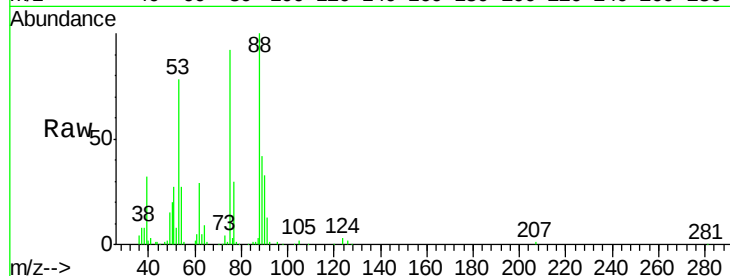
75 100

53 82.9 67.8 101.8

89 45.5 37.1 55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.308 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061763.D

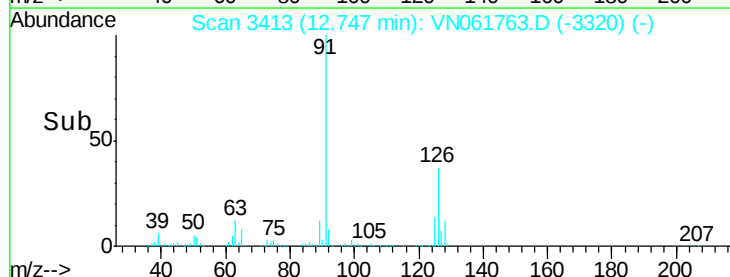
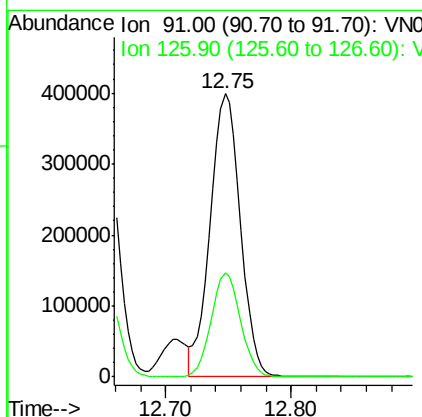
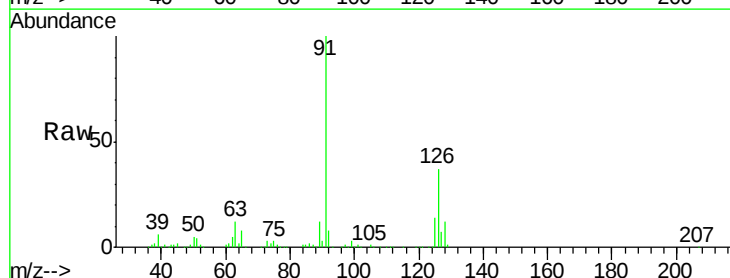
Acq: 11 Jun 2020 21:31

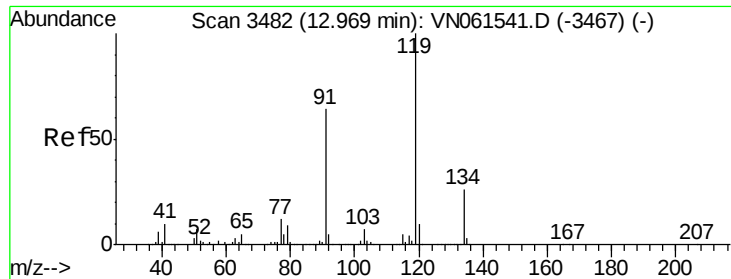
Tgt Ion: 91 Resp: 663581

Ion Ratio Lower Upper

91 100

126 35.9 17.5 52.6





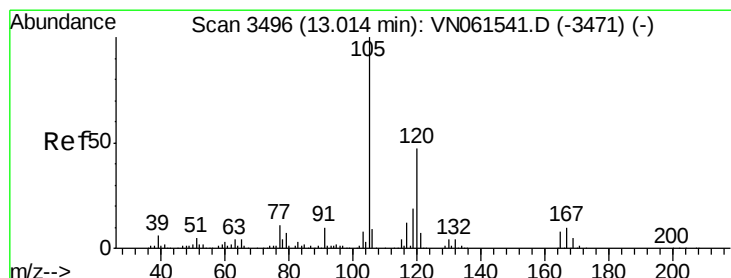
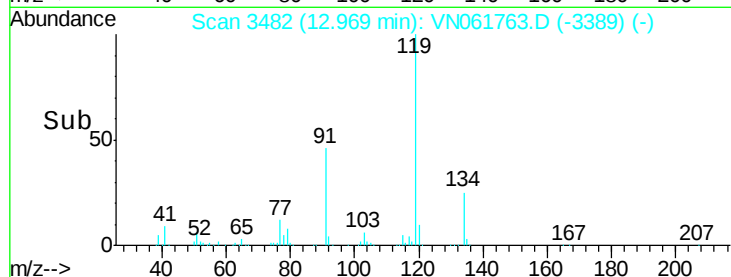
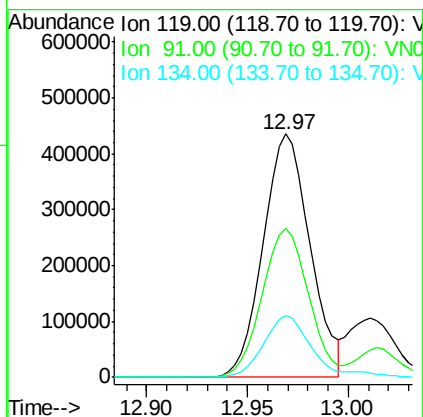
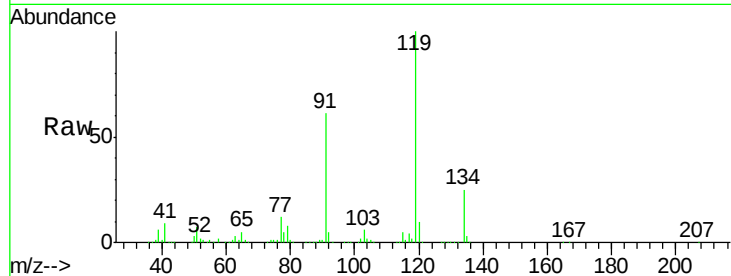
#83
tert-Butylbenzene
Concen: 50.630 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	704235		
91	61.1		31.3	93.8
134	26.3		13.5	40.4

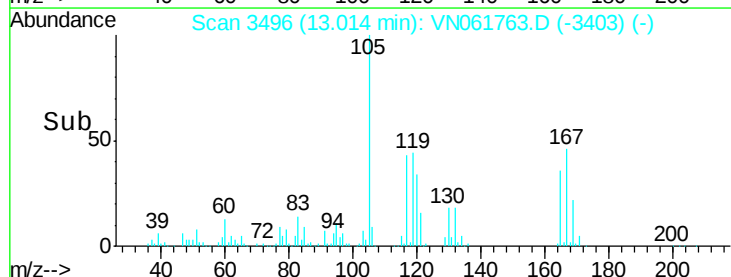
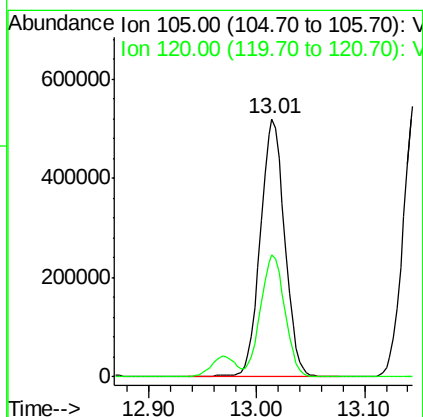
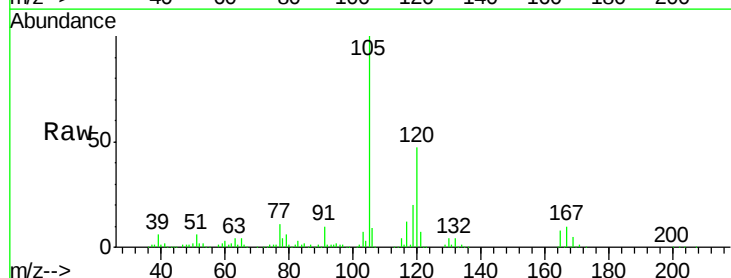
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 52.161 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	815772		
120	47.5		23.2	69.5





#85

sec-Butylbenzene

Concen: 50.441 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 904087

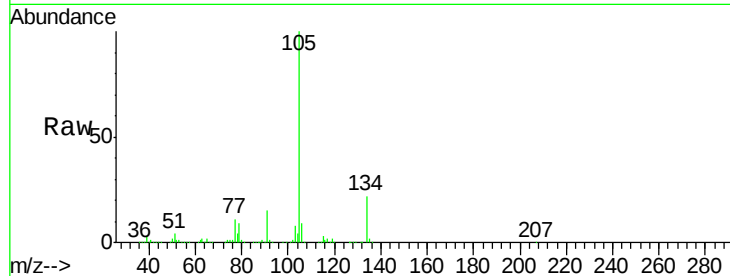
Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

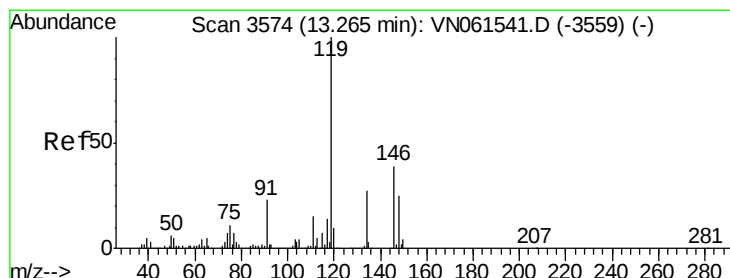
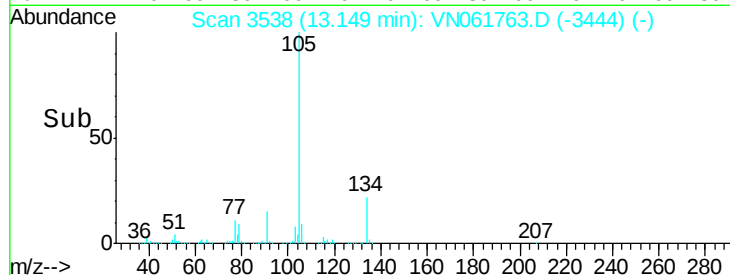
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.940 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

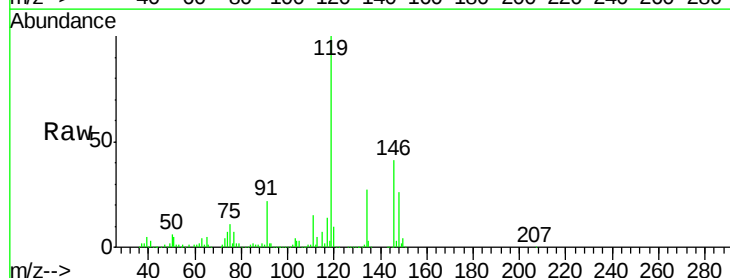
Tgt Ion:119 Resp: 840823

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.2 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

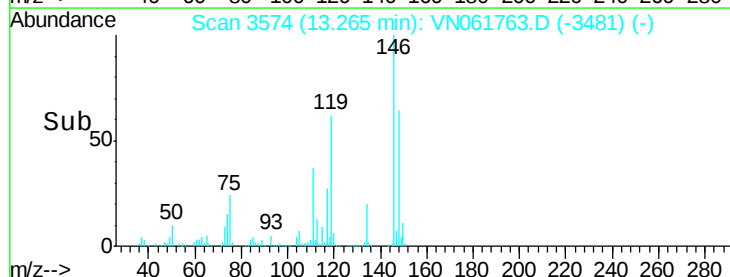
600000

400000

200000

0

Time-->





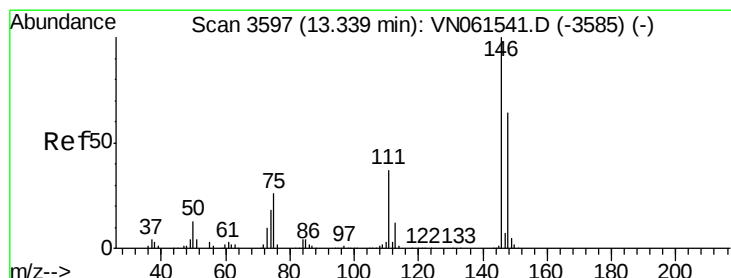
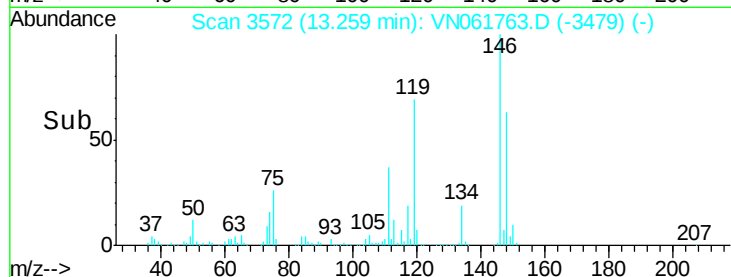
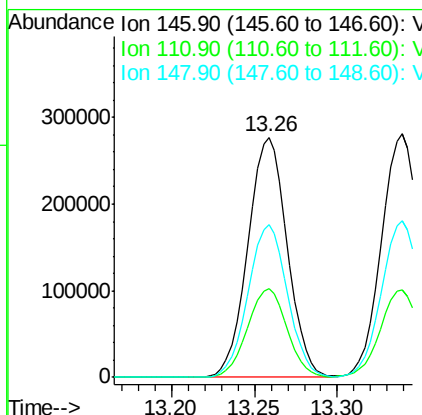
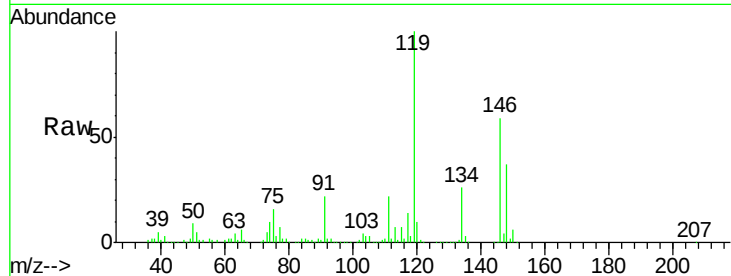
#87
 1,3-Dichlorobenzene
 Concen: 53.768 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.2	57.6
148	63.8	31.7	95.1

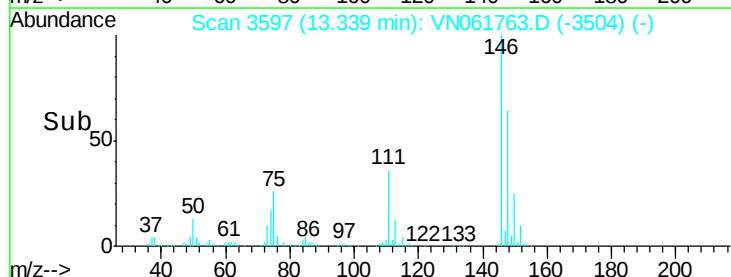
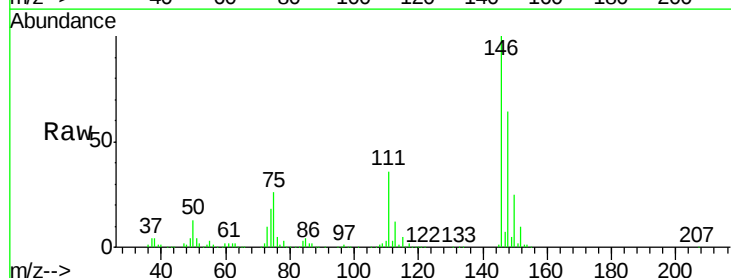
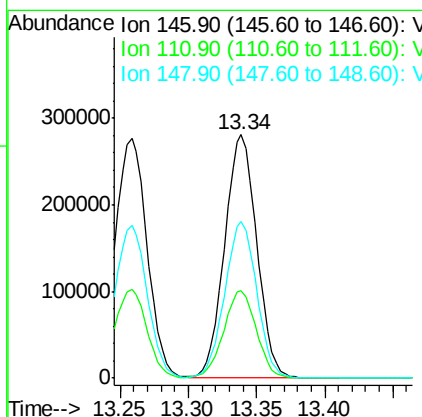
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#88
 1,4-Dichlorobenzene
 Concen: 52.881 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.9
148	64.5	31.8	95.3





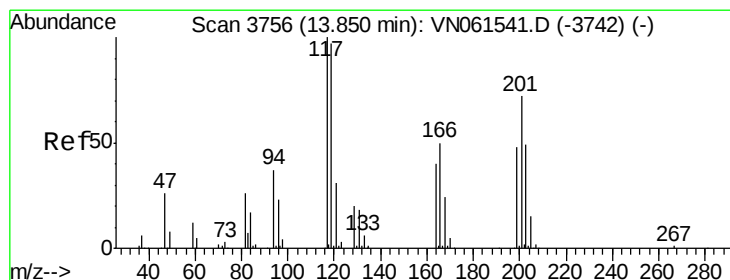
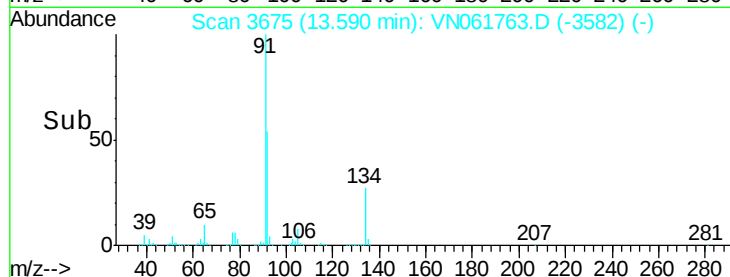
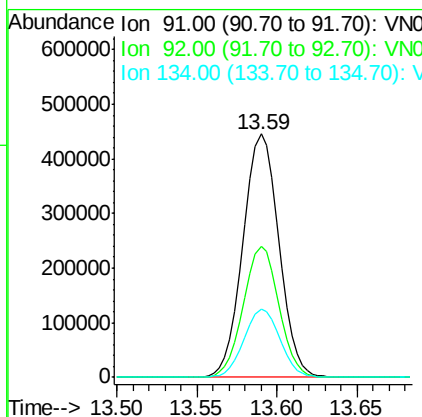
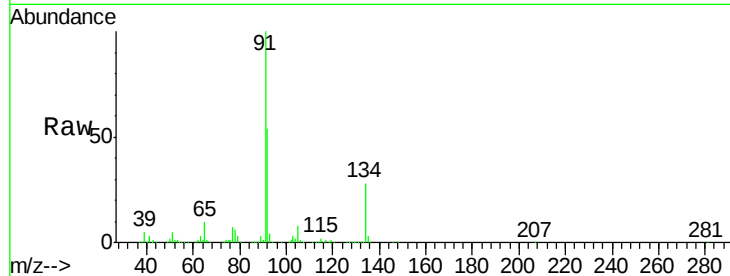
#89
n-Butylbenzene
Concen: 49.215 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.6
134	28.0	14.0	42.0

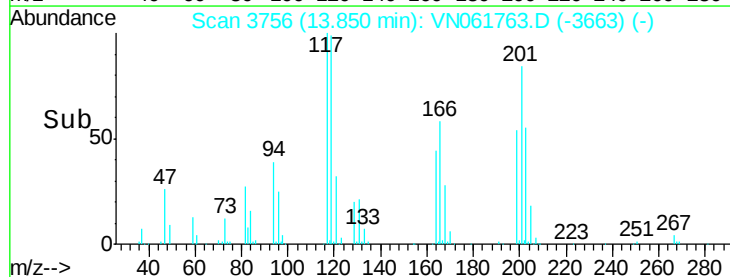
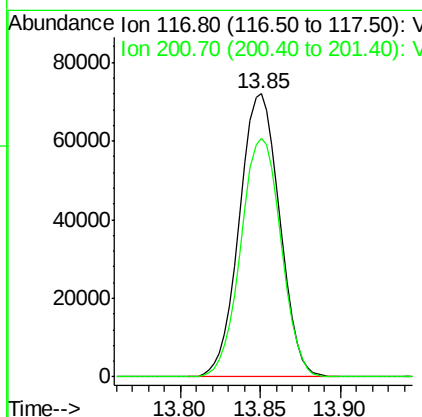
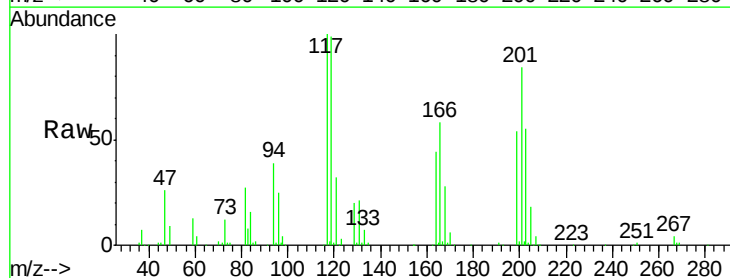
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#90
Hexachloroethane
Concen: 67.630 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	36.7	110.1





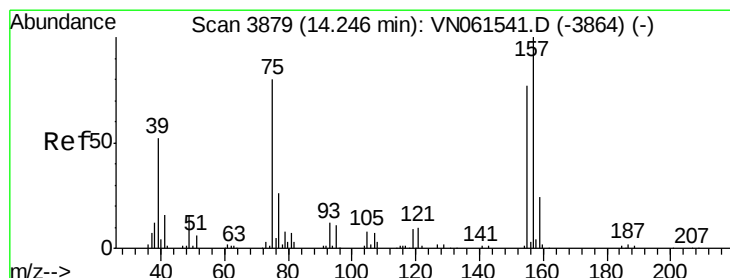
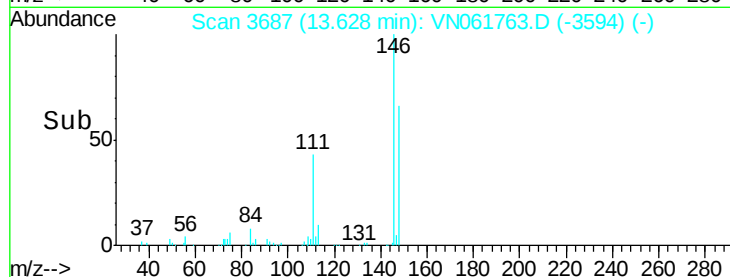
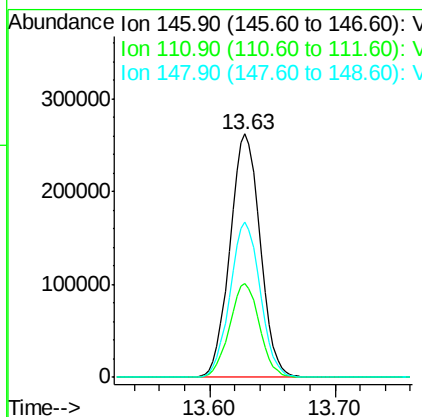
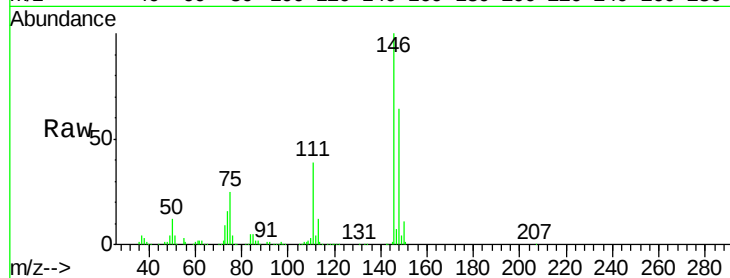
#91
 1,2-Dichlorobenzene
 Concen: 54.152 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	440591		
111	38.4	20.1	60.2	
148	63.8	31.9	95.5	

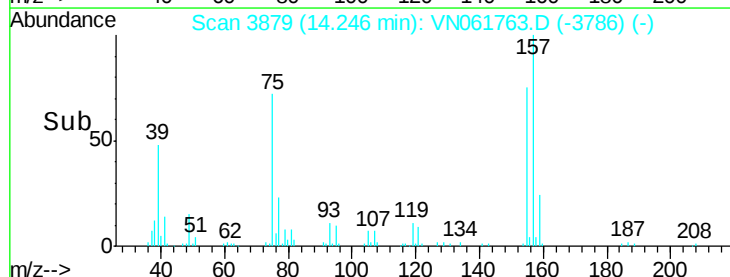
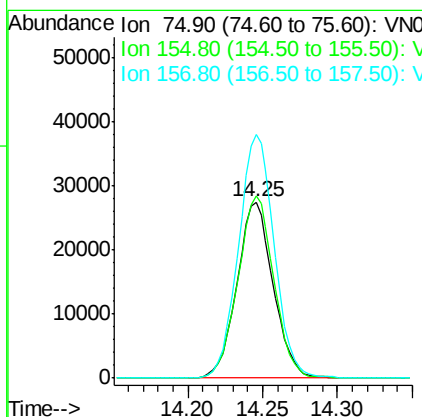
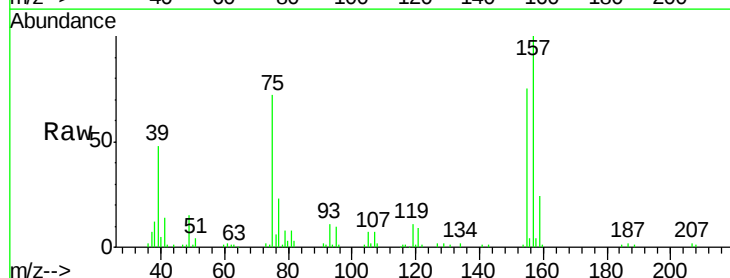
Manual Integrations
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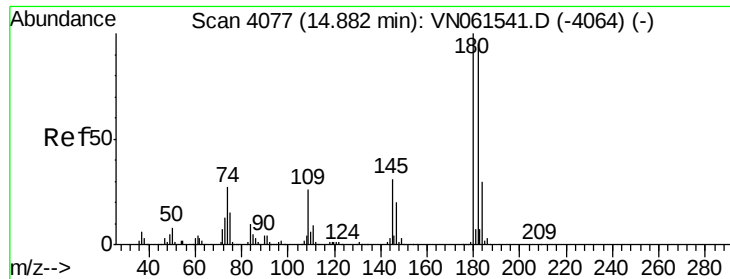
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.946 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46230		
155	102.9	47.1	141.4	
157	136.6	60.3	180.8	





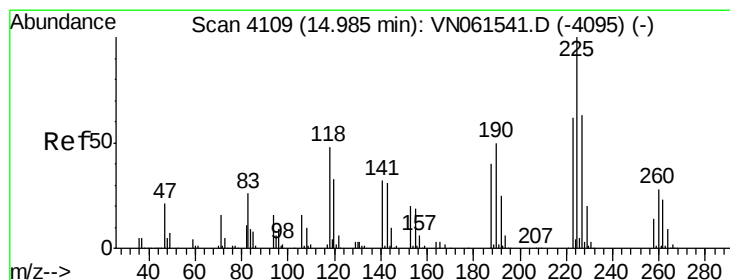
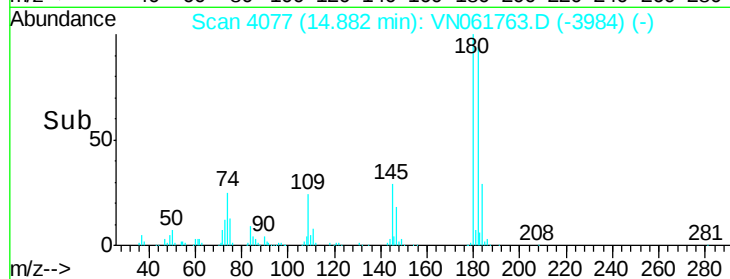
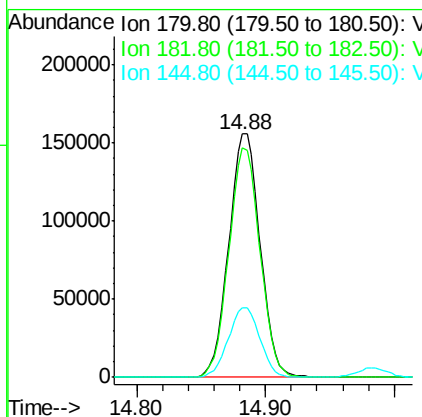
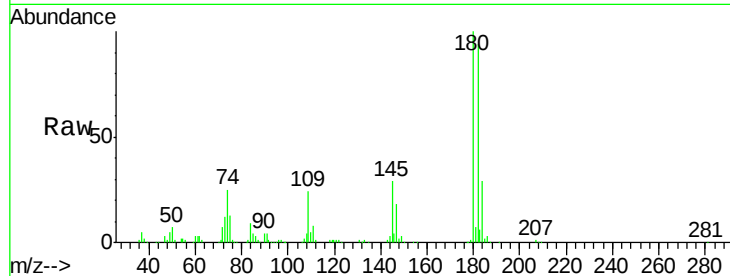
#93
 1,2,4-Trichlorobenzene
 Concen: 55.121 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	262289		
182	93.8	47.8	143.3	
145	29.0	15.5	46.5	

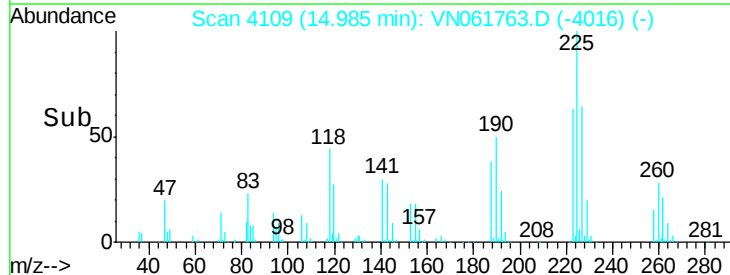
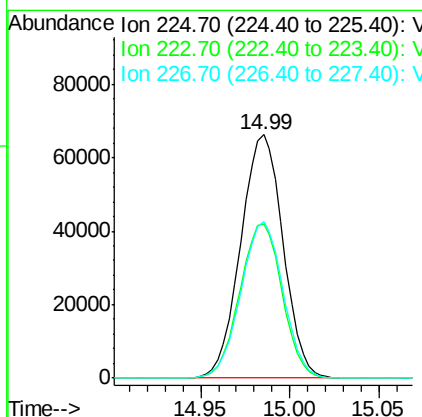
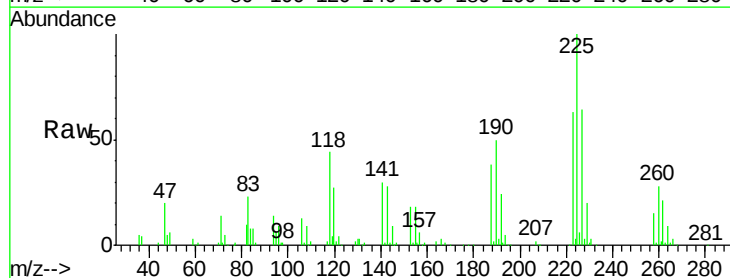
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#94
 Hexachlorobutadiene
 Concen: 54.035 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109659		
223	63.3	31.9	95.5	
227	63.9	31.9	95.9	





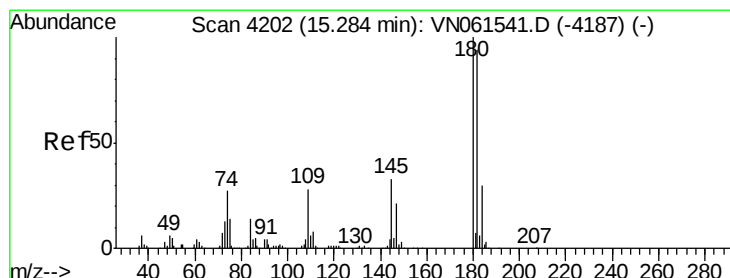
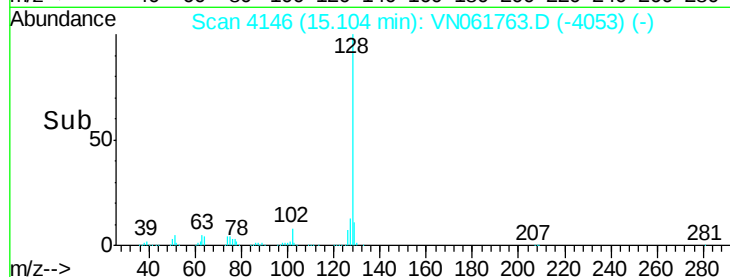
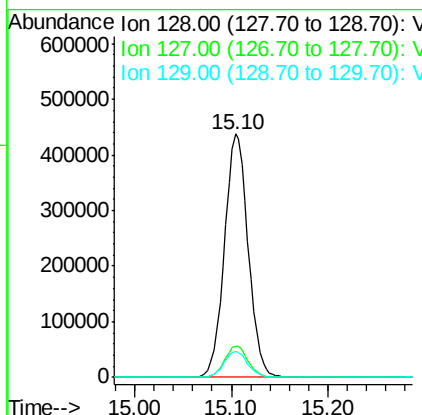
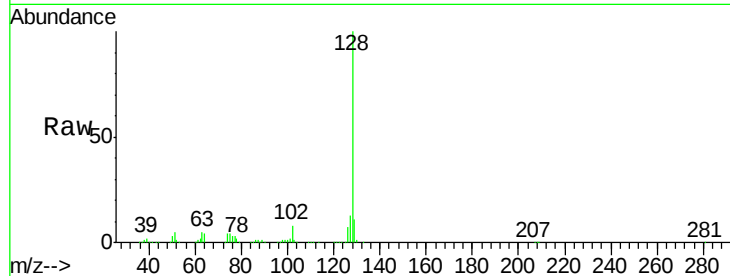
#95
Naphthalene
Concen: 51.260 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.7	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.818 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	32.0	16.3	48.9

